

# Produzione - project-decentralized-owner-complete-form-full-validation-flow: Flusso decentralizzato con form di raccolta dati completa per il responsabile e flusso di validazione completo

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Grafico del flusso

HELPDESK  
(HD)

DIVISIONE RICERCA  
(DR)

ORGANI  
DIPARTIMENTALI  
(OD)

RESPONSABILE O  
PROPRIETARIO  
(RS)

PARTECIPANTE O  
TUTOR  
(PA/TU)

RESPONSABILE  
AMMINISTRATIVO  
(RA)

DELEGATO O RAPPR.  
INTERNO  
(RD)

CONTABILITÀ  
(CO)

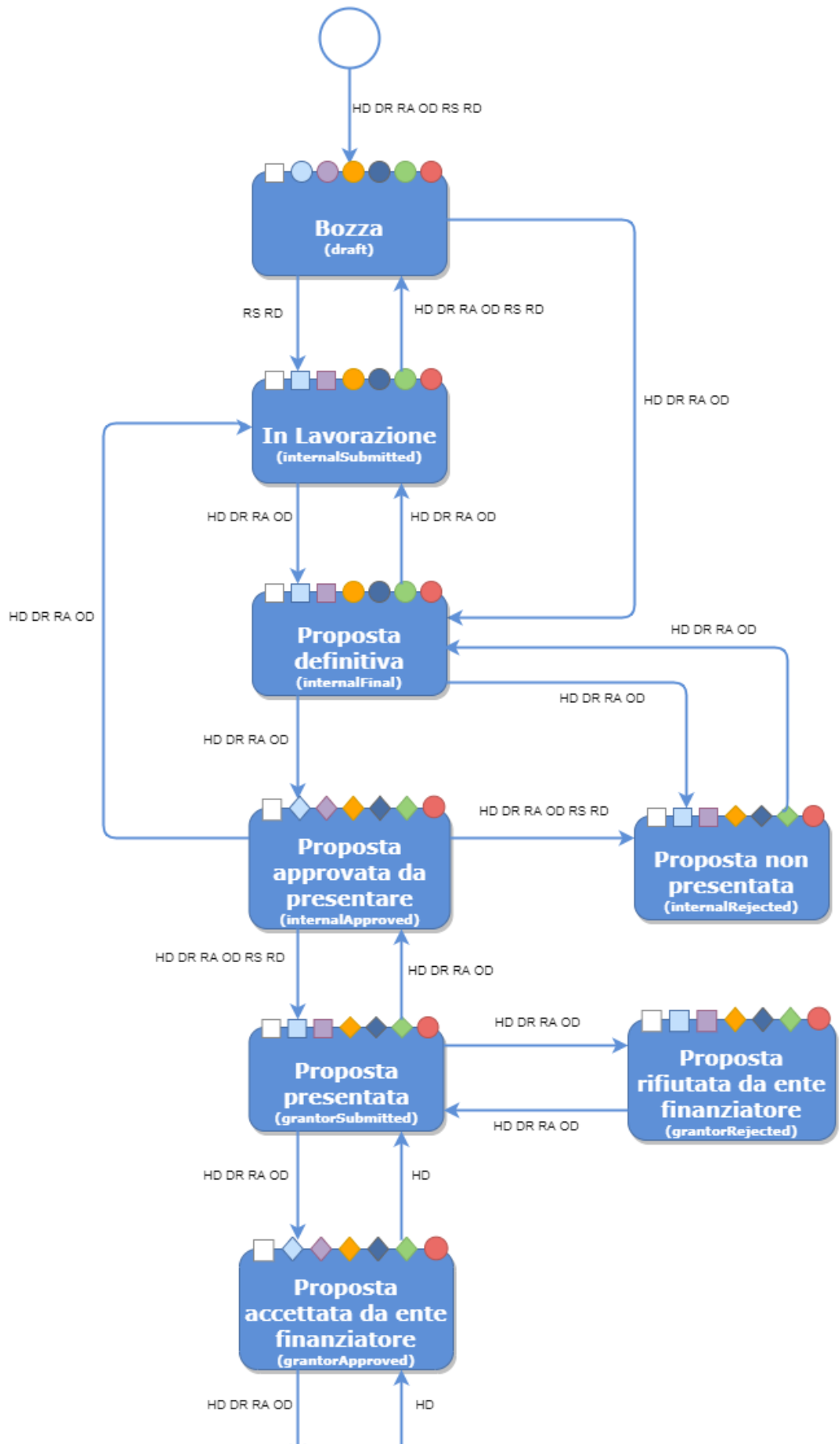
UFFICIO  
FORMAZIONE  
(FO)

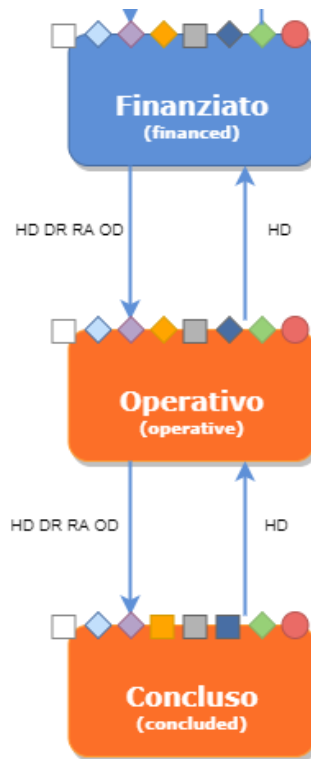
□ read

◇ read/write

○ read/write/delete

+ parametric  
permissions





## Descrizione

Il flusso project-decentralized-owner-complete-form-full-validation-flow è un **flusso Decentralizzato** che modella il ciclo di vita di un **progetto di ricerca**, dalla proposta, all'ottenimento del finanziamento e dei successivi risultati.

Questo flusso prevede i seguenti attori nelle diverse visioni.

- Visione completa
  - **Helpdesk - HD**  
Team con profilo "Profilo Helpdesk per i Progetti (project)"
  - **Divisione Ricerca - DR**  
Team con profilo "Profilo Divisione Ricerca"
  - **Contabilità - CO**  
Team con profilo "Profilo Contabilità"
- Visione dipartimentale
  - **Organi dipartimentali - OD**  
Team con la seguente naming convention "Profilo di dipartimento per XXX", dove XXX è il nome del dipartimento  
La completa operatività su un dato progetto è consentita solo per il dipartimento marcato come "Principale"  
I dipartimenti aggregati avranno accesso in sola lettura.
- Visione personale
  - **Responsabile scientifico - RS**  
Persona appartenente al team "Utenti", che compare tra i responsabili del progetto. Cfr modello dati [TAB Soggetti interni](#)
  - **Partecipante - PA**  
Persona appartenente al team "Utenti", che compare tra i partecipanti del progetto. Cfr modello dati [TAB Soggetti interni](#)
  - **Referente amministrativo - RA**  
Persona appartenente al team "Utenti", che compare tra i referenti amministrativi del progetto. Cfr modello dati [TAB Soggetti interni](#)

Trattandosi di un flusso decentralizzato, la creazione di un nuovo progetto è consentita anche ai RS.

Nel grafico, per chiarezza, vengono riportate però solo le transizioni di stato canoniche.

Inoltre, facciamo presente che gli stati in **arancione** sono gli stati di sincronizzazione con **UGOV-PJ**

## Etichette Stati

I nomi degli stati possono essere personalizzati con la funzione di **Gestione etichette**.

Nella tabella sottostante vengono riportati tutti gli stati previsti dal flusso con relativa etichetta e valore di default.

Vengono anche fornite le etichette per i vari bottoni che consentono lo spostamento di stato.

Di default vengono utilizzate le etichette dei bottoni per lo stato successivo, è possibile configurare il flusso in maniera tale da utilizzare anche le etichette dei bottoni per lo stato precedente.

Esempio di utilizzo: l'oggetto si trova nello stato in attesa di essere validato, i possibili stati di cambio sono bozza e operativo. Il bottone per lo stato operativo utilizzerà l'etichetta per lo stato successivo, mentre il bottone per lo stato bozza utilizzerà l'etichetta per lo stato precedente.

| Identificativo stato | Chiave etichetta stato | Valore default stato | Etichetta del bottone stato successivo | Etichetta del bottone stato precedente | Valore etichetta del bottone stato successivo | Valore etichetta del bottone stato precedente |
|----------------------|------------------------|----------------------|--|--|---|---|
|----------------------|------------------------|----------------------|--|--|---|---|

|                   |                               |   |   |  |  |  |
|-------------------|-------------------------------|---|---|--|--|--|
| draft             | wfState.prj.draft             | Bozza                                   | button.forward.to.prj.draft             | button.backward.to.prj.draft             | Salva e invia in "Bozza"                           | Riporta in "Bozza"                                   |
| internalSubmitted | wfState.prj.internalSubmitted | In Lavorazione                          | button.forward.to.prj.internalSubmitted | button.backward.to.prj.internalSubmitted | Invia la proposta                                  | Riporta "In lavorazione"                             |
| internalFinal     | wfState.prj.internalFinal     | Proposta definitiva                     | button.forward.to.prj.internalFinal     | button.backward.to.prj.internalFinal     | Rendi definitiva                                   | Riporta in "Proposta definitiva"                     |
| internalApproved  | wfState.prj.internalApproved  | Proposta approvata da presentare        | button.forward.to.prj.internalApproved  | button.backward.to.prj.internalApproved  | Approva la proposta                                | Riporta in "Proposta approvata da presentare"        |
| internalRejected  | wfState.prj.internalRejected  | Proposta non presentata                 | button.forward.to.prj.internalRejected  | button.backward.to.prj.internalRejected  | Invia in "Proposta non presentata"                 | Riporta in "Proposta non presentata"                 |
| grantorSubmitted  | wfState.prj.grantorSubmitted  | Proposta presentata                     | button.forward.to.prj.grantorSubmitted  | button.backward.to.prj.grantorSubmitted  | Presenta la proposta                               | Riporta in "Proposta presentata"                     |
| grantorApproved   | wfState.prj.grantorApproved   | Proposta accettata da ente finanziatore | button.forward.to.prj.grantorApproved   | button.backward.to.prj.grantorApproved   | Invia in "Proposta accettata da ente finanziatore" | Riporta in "Proposta accettata da ente finanziatore" |
| grantorRejected   | wfState.prj.grantorRejected   | Proposta rifiutata da ente finanziatore | button.forward.to.prj.grantorRejected   | button.backward.to.prj.grantorRejected   | Invia in "Proposta rifiutata da ente finanziatore" | Riporta in "Proposta rifiutata da ente finanziatore" |
| financed          | wfState.prj.financed          | Finanziato                              | button.forward.to.prj.financed          | button.backward.to.prj.financed          | Salva e invia in "Finanziato"                      | Salva e invia in "Finanziato"                        |
| operative         | wfState.prj.operative         | Operativo                               | button.forward.to.prj.operative         | button.backward.to.prj.operative         | Invia in "Operativo"                               | Riporta in "Operativo"                               |
| concluded         | wfState.prj.concluded         | Concluso                                | button.forward.to.prj.concluded         | button.backward.to.prj.concluded         | Invia in "Concluso"                                | Riporta in "Concluso"                                |

## Modello Dati

Il dettaglio del modello dati associato a questo flusso è disponibile alla seguente pagina [Produzione - Modello dati \(project - PRJ\)](#)

## Permessi

Nella seguente sezione viene riportato il dettaglio dei permessi e delle transizioni di stato possibili per tutti gli attori del flusso.

Per quanto riguarda le transizioni di stato vengono riportati gli identificativi degli stati verso i quali è possibile effettuare la transizione.

Quando viene riportato il marcatore "\_\_PREVIOUS\_STATE\_\_" significa che la transizione di stato è consentita verso lo stato precedente.

Di seguito la legenda dei permessi:

- c: create (disponibile solo per il primo stato del flusso)
- r: read
- w: write
- d: delete

Viene, inoltre, fornito dettaglio dei TAB disponibili (quelli in sola lettura presentano il suffisso readonly)

| Stato         | Attori   | Permessi | Transizioni   | Tab  |
|---------------|--|----------|---------------|--|
| Bozza (draft) | Helpdesk (helpdesk)                            | c r w d  | internalFinal | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project/form9)</li> <li>• Allegati &amp; Log Transizioni (project/form10)</li> </ul> |
|               | Divisione Ricerca (researchDivision)           | c r w d  | internalFinal | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project/form9)</li> <li>• Allegati &amp; Log Transizioni (project/form10)</li> </ul> |
|               | Referente amministrativo (administrativeOwner) | c r w d  | internalFinal | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project/form9)</li> <li>• Allegati &amp; Log Transizioni (project/form10)</li> </ul> |

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|---|---------|---------------------|--|
| <b>Organi dipartimentali (headOfDepartment)</b>       | c r w d | internalFinal       | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
| <b>Responsabile/Proprietario (owner)</b>              | c r w d | internalSubmitted   | <ul style="list-style-type: none"> <li>• @tab.project.Owner@ (project /formOwner)</li> </ul>   |
| <b>Delegato (internalRepresentative)</b>              | c r w d | internalSubmitted   | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
| <b>Partecipante (contributor)</b>                     | r       | none                |  |
| <b>Helpdesk (helpdesk)</b>                            | r w d   | draft,internalFinal | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
| <b>Divisione Ricerca (researchDivision)</b>           | r w d   | draft,internalFinal | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
| <b>Referente amministrativo (administrativeOwner)</b> | r w d   | draft,internalFinal | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
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| <b>Responsabile/Proprietario (owner)</b>              | r       | draft               |  |
| <b>Delegato (internalRepresentative)</b>              | r       | draft               |  |

| (internalSubmitted)                    | Partecipante (contributor)                     | r                          | none  |  |
|--|--|----------------------------|---|--|
| Proposta definitiva<br>(internalFinal) | Helpdesk (helpdesk)                            | r w d                      | internalSubmitted,internalApproved,<br>internalRejected | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|  | Divisione Ricerca (researchDivision)           | r w d                      | internalSubmitted,internalApproved,<br>internalRejected | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
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|  | Responsabile/Proprietario (owner)              | r                          | none  | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|  | Delegato (internalRepresentative)              | r                          | none  | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|  |  | Partecipante (contributor) | r   | none   |

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|--|---|-------|--|--|
| <b>Proposta approvata da presentare (internalApproved)</b> | <b>Helpdesk (helpdesk)</b>                            | r w d | internalSubmitted,grantorSubmitted, internalRejected | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|  | <b>Divisione Ricerca (researchDivision)</b>           | r w   | internalSubmitted,grantorSubmitted, internalRejected | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|  | <b>Referente amministrativo (administrativeOwner)</b> | r w   | internalSubmitted,grantorSubmitted, internalRejected | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|  | <b>Organi dipartimentali (headOfDepartment)</b>       | r w   | internalSubmitted,grantorSubmitted, internalRejected | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|  | <b>Responsabile/Proprietario (owner)</b>              | r w   | grantorSubmitted,internalRejected                    | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|  | <b>Delegato (internalRepresentative)</b>              | r w   | grantorSubmitted,internalRejected                    | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|  | <b>Partecipante (contributor)</b>                     | r     | none   |  |

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|---|---|-------|---------------|--|
| Proposta non presentata<br>(internalRejected) | Helpdesk (helpdesk)                               | r w d | internalFinal | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|   | Divisione Ricerca (researchDivision)              | r w   | internalFinal | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|   | Referente amministrativo<br>(administrativeOwner) | r w   | internalFinal | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|   | Organi dipartimentali<br>(headOfDepartment)       | r w   | internalFinal | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|   | Responsabile/Proprietario (owner)                 | r     | none          | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|   | Delegato (internalRepresentative)                 | r     | none          | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|   | Partecipante (contributor)                        | r     | none          |  |



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|---|---|-------|--|--|
| Proposta presentata<br>(grantorSubmitted) | Helpdesk (helpdesk)                               | r w d | internalApproved,grantorApproved,<br>grantorRejected | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|   | Divisione Ricerca (researchDivision)              | r w   | internalApproved,grantorApproved,<br>grantorRejected | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|   | Referente amministrativo<br>(administrativeOwner) | r w   | internalApproved,grantorApproved,<br>grantorRejected | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|   | Organi dipartimentali<br>(headOfDepartment)       | r w   | internalApproved,grantorApproved,<br>grantorRejected | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|   | Responsabile/Proprietario (owner)                 | r     | none   | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|   | Delegato (internalRepresentative)                 | r     | none   | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|   | Partecipante (contributor)                        | r     | none   |  |

|   |  |       |                           |  |
|---|--|-------|---------------------------|--|
| Proposta accettata da ente finanziatore (grantorApproved) | Helpdesk (helpdesk)                            | r w d | grantorSubmitted,financed | <ul style="list-style-type: none"> <li>Dati generali (project/form1)</li> <li>Date (project/form2)</li> <li>Soggetti Interni (project/form3)</li> <li>Partner (project/form4)</li> <li>Comitato Etico (project/form5)</li> <li>Finanziamento (project/form6)</li> <li>Valutazione (project/form7)</li> <li>Parole chiave (project/form8)</li> <li>Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|   | Divisione Ricerca (researchDivision)           | r w   | financed                  | <ul style="list-style-type: none"> <li>Dati generali (project/form1)</li> <li>Date (project/form2)</li> <li>Soggetti Interni (project/form3)</li> <li>Partner (project/form4)</li> <li>Comitato Etico (project/form5)</li> <li>Finanziamento (project/form6)</li> <li>Valutazione (project/form7)</li> <li>Parole chiave (project/form8)</li> <li>Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|   | Referente amministrativo (administrativeOwner) | r w   | financed                  | <ul style="list-style-type: none"> <li>Dati generali (project/form1)</li> <li>Date (project/form2)</li> <li>Soggetti Interni (project/form3)</li> <li>Partner (project/form4)</li> <li>Comitato Etico (project/form5)</li> <li>Finanziamento (project/form6)</li> <li>Valutazione (project/form7)</li> <li>Parole chiave (project/form8)</li> <li>Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|   | Organi dipartimentali (headOfDepartment)       | r w   | financed                  | <ul style="list-style-type: none"> <li>Dati generali (project/form1)</li> <li>Date (project/form2)</li> <li>Soggetti Interni (project/form3)</li> <li>Partner (project/form4)</li> <li>Comitato Etico (project/form5)</li> <li>Finanziamento (project/form6)</li> <li>Valutazione (project/form7)</li> <li>Parole chiave (project/form8)</li> <li>Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|   | Responsabile/Proprietario (owner)              | r w   | none                      | <ul style="list-style-type: none"> <li>@tab.project.Owner@ (project /formOwner)</li> </ul>   |
|   | Delegato (InternalRepresentative)              | r w   | none                      | <ul style="list-style-type: none"> <li>@tab.project.Owner@ (project /formOwner)</li> </ul>   |
|   | Partecipante (contributor)                     | r     | none                      |  |
|   |  |       |                           |  |
|   | Helpdesk (helpdesk)                            | r w d | grantorSubmitted          | <ul style="list-style-type: none"> <li>Dati generali (project/form1)</li> <li>Date (project/form2)</li> <li>Soggetti Interni (project/form3)</li> <li>Partner (project/form4)</li> <li>Comitato Etico (project/form5)</li> <li>Finanziamento (project/form6)</li> <li>Valutazione (project/form7)</li> <li>Parole chiave (project/form8)</li> <li>Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|   | Divisione Ricerca (researchDivision)           | r w   | grantorSubmitted          | <ul style="list-style-type: none"> <li>Dati generali (project/form1)</li> <li>Date (project/form2)</li> <li>Soggetti Interni (project/form3)</li> <li>Partner (project/form4)</li> <li>Comitato Etico (project/form5)</li> <li>Finanziamento (project/form6)</li> <li>Valutazione (project/form7)</li> <li>Parole chiave (project/form8)</li> <li>Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>Allegati &amp; Log Transizioni (project /form10)</li> </ul> |

Proposta rifiutata da ente finanziatore (grantorRejected)

|   |     |                  |  |
|---|-----|------------------|--|
| <b>Referente amministrativo (administrativeOwner)</b> | r w | grantorSubmitted | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project/form9)</li> <li>• Allegati &amp; Log Transizioni (project/form10)</li> </ul> |
| <b>Organi dipartimentali (headOfDepartment)</b>       | r w | grantorSubmitted | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project/form9)</li> <li>• Allegati &amp; Log Transizioni (project/form10)</li> </ul> |
| <b>Responsabile/Proprietario (owner)</b>              | r   | none             |  |
| <b>Delegato (InternalRepresentative)</b>              | r   | none             |  |
| <b>Partecipante (contributor)</b>                     | r   | none             |  |

Finanziato (financed)

|   |       |                           |  |
|---|-------|---------------------------|--|
| <b>Helpdesk (helpdesk)</b>                            | r w d | grantorApproved,operative | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project/form9)</li> <li>• Allegati &amp; Log Transizioni (project/form10)</li> </ul> |
| <b>Divisione Ricerca (researchDivision)</b>           | r w   | operative                 | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project/form9)</li> <li>• Allegati &amp; Log Transizioni (project/form10)</li> </ul> |
| <b>Referente amministrativo (administrativeOwner)</b> | r w   | operative                 | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project/form9)</li> <li>• Allegati &amp; Log Transizioni (project/form10)</li> </ul> |
| <b>Contabilita' (accountancy)</b>                     | r     | none                      |  |
| <b>Organi dipartimentali (headOfDepartment)</b>       | r w   | operative                 | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project/form9)</li> <li>• Allegati &amp; Log Transizioni (project/form10)</li> </ul> |

|                              |   |                            |                    |  |
|------------------------------|---|----------------------------|--------------------|--|
|                              | <b>Responsabile/Proprietario (owner)</b>              | r w                        | none               | <ul style="list-style-type: none"> <li>• @tab.project.Owner@ (project /formOwner)</li> </ul>   |
|                              | <b>Delegato (InternalRepresentative)</b>              | r w                        | none               | <ul style="list-style-type: none"> <li>• @tab.project.Owner@ (project /formOwner)</li> </ul>   |
|                              | <b>Partecipante (contributor)</b>                     | r                          | none               |  |
| <b>Operativo (operative)</b> | <b>Helpdesk (helpdesk)</b>                            | r w d                      | financed,concluded | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|                              | <b>Divisione Ricerca (researchDivision)</b>           | r w                        | concluded          | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|                              | <b>Referente amministrativo (administrativeOwner)</b> | r w                        | concluded          | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|                              | <b>Contabilita' (accountancy)</b>                     | r                          | none               |  |
|                              | <b>Organi dipartimentali (headOfDepartment)</b>       | r w                        | concluded          | <ul style="list-style-type: none"> <li>• Dati generali (project/form1)</li> <li>• Date (project/form2)</li> <li>• Soggetti Interni (project/form3)</li> <li>• Partner (project/form4)</li> <li>• Comitato Etico (project/form5)</li> <li>• Finanziamento (project/form6)</li> <li>• Valutazione (project/form7)</li> <li>• Parole chiave (project/form8)</li> <li>• Pubblicazioni &amp; Collegamenti (project /form9)</li> <li>• Allegati &amp; Log Transizioni (project /form10)</li> </ul> |
|                              | <b>Responsabile/Proprietario (owner)</b>              | r w                        | none               | <ul style="list-style-type: none"> <li>• @tab.project.Owner@ (project /formOwner)</li> </ul>   |
|                              | <b>Delegato (InternalRepresentative)</b>              | r w                        | none               | <ul style="list-style-type: none"> <li>• @tab.project.Owner@ (project /formOwner)</li> </ul>   |
|                              | <b>Partecipante (contributor)</b>                     | r                          | none               |  |
|                              |   | <b>Helpdesk (helpdesk)</b> | r w d              | operative  |

|                         |  |     |      |  |
|-------------------------|--|-----|------|--|
| Concluso<br>(concluded) | Divisione Ricerca (researchDivision)           | r w | none | <ul style="list-style-type: none"> <li>Dati generali (project/form1)</li> <li>Date (project/form2)</li> <li>Soggetti Interni (project/form3)</li> <li>Partner (project/form4)</li> <li>Comitato Etico (project/form5)</li> <li>Finanziamento (project/form6)</li> <li>Valutazione (project/form7)</li> <li>Parole chiave (project/form8)</li> <li>Pubblicazioni &amp; Collegamenti (project/form9)</li> <li>Allegati &amp; Log Transizioni (project/form10)</li> </ul> |
|                         | Referente amministrativo (administrativeOwner) | r   | none |  |
|                         | Contabilita' (accountancy)                     | r   | none |  |
|                         | Organi dipartimentali (headOfDepartment)       | r   | none |  |
|                         | Responsabile/Proprietario (owner)              | r w | none | <ul style="list-style-type: none"> <li>@tab.project.Owner@ (project/formOwner)</li> </ul>  |
|                         | Delegato (internalRepresentative)              | r w | none | <ul style="list-style-type: none"> <li>@tab.project.Owner@ (project/formOwner)</li> </ul>  |
|                         | Partecipante (contributor)                     | r   | none |  |

## Validazioni

Nella seguente sezione viene riportato il dettaglio delle validazioni per tutte le coppie (attore, stato) del flusso. Le validazioni sono distinte nei seguenti macrotipi e sono riferite, se non specificato altrimenti, all'oggetto radice.

- enter**: validazione applicata in ingresso nello stato  
La transizione in ingresso viene NEGATA se anche solo una validazione NON viene superata con successo.
- save**: validazione applicata ad ogni salvataggio e quindi anche per ogni spostamento di TAB  
Il salvataggio viene NEGATO se anche solo una validazione NON viene superata con successo.
- delete**: validazione applicata in fase di eliminazione di un oggetto radice
- element**: validazione applicata agli elementi figli di un oggetto radice
- permissions**: logiche di generazione dinamica dei permessi (rwfd) sull'oggetto radice che sovrascrive i permessi di flusso (rwfd)

Le validazioni sono ulteriormente distinte nei seguenti tipi.

- required**: validazione di obbligatorietà di un attributo sull'oggetto radice.
- complex**: validazione complessa applicabile sia all'oggetto radice che agli elementi.  
Per avere maggiori dettagli sulla validazione cliccare sull'identificativo della validazione

Nel caso di validazioni di tipo **element**, oltre all'identificativo della validazione, viene riportato anche l'identificativo dell'elemento a cui è applicata e l'azione che l'ha scatenata:

- salvataggio (save)
- eliminazione (delete)

Ad esempio la seguente stringa

**internalOrganizationUnit:delete departmentDeleteValidator** indica che la validazione "departmentDeleteValidator" è applicata in eliminazione di un elemento di tipo internalOrganizationUnit dell'oggetto radice.

Per avere maggiori dettagli sui possibili elementi fare riferimento alla definizione del modello, disponibile nella sezione [Modello Dati](#).

Infine è possibile applicare le validazioni, condizionalmente al soddisfacimento di determinate condizioni (opzionali). Queste condizioni sono specificate nella colonna "Applicabilità": se è specificato **always**, la validazione è sempre attiva.

| Stato | Attori | MacroTipo | Tipo     | Attributo/Identificativo               | Applicabilità |
|-------|--------|-----------|----------|--|---------------|
|       | all    | enter     | required | wfItemTypedId                          | always        |
|       |        |           |          | description                            | isNotLegacy   |
|       |        |           |          | dateMap[proposalStartDate]             | isNotLegacy   |
|       |        |           | complex  | checkCreationPermissionsValidator      | always        |
|       |        |           |          | ownerWithSameDepartmentAsHeadValidator | always        |
|       |        |           |          | checkEffectiveDepartmentAccess         | always        |
|       |        |           |          | callStartValidator                     | always        |
|       |        |           |          | multipleOwnerValidator                 | isNotLegacy   |
|       |        |           | required | ownerPositionStartValidator            | isNotLegacy   |
|       |        |           |          | transitionCommentValidator             | isNotLegacy   |
|       |        |           |          | identifier                             | always        |

|  |   |  |   |   |   |   |             |
|--|---|--|---|---|---|---|-------------|
| Bozza<br>(draft)                               |   | save   | complex   | checkEffectiveDepartmentAccess                | always  |   |             |
|  |   |  |   | sameDefinitionForGenericItemValidator         | always  |   |             |
|  |   |  |   | changeItemTypForNotSynchronizedItemValidator  | always  |   |             |
|  |   |  |   | uniquePeopleInOwnerAndContributorSetValidator | isNotLegacy   |   |             |
|  |   |  |   | ethicCommitteeDeleteInconsistentDataProject   | always  |   |             |
|  |   |  | delete  | complex                                       | childAndParentDetectorDeleteValidator                   | always  |             |
|  |   |  |   |   | checkEffectiveDepartmentAccess                          | always  |             |
|  |   |  | element   | complex                                       | owner:save addOrgUnitFromNewOwnerValidator              | always  |             |
|  |   |  |   |   | owner:delete deleteOrgUnitAssociatedToOldOwnerValidator | always  |             |
|  |   |  | Referente amministrativo (administrativeOwner)                          | element                                       | complex   | administrativeOwner:delete administrativeOwnerCannotDeleteHimself | isNotLegacy |
| Organi dipartimentali (headOfDepartment)       | element                                       | complex  | internalOrganizationUnit:delete departmentDeleteValidator               | isNotLegacy                                   |   |   |             |
|  |   |  | internalOrganizationUnit:save departmentChangeRoleValidator             | isNotLegacy                                   |   |   |             |
| Responsabile/Proprietario (owner)              | element                                       | complex  | owner:delete ownerCannotDeleteHimself                                   | isNotLegacy                                   |   |   |             |
|  |   |  | owner:save ownerCannotEditHimself                                       | isNotLegacy                                   |   |   |             |
| Delegato (internalRepresentative)              | element                                       | complex  | internalRepresentative:delete internalRepresentativeCannotDeleteHimself | isNotLegacy                                   |   |   |             |
| In Lavorazione<br>(internalSubmitted)          | all   | enter  | required  | wfItemTyped                                   | always  |   |             |
|  |   |  |   | description                                   | isNotLegacy   |   |             |
|  |   |  |   | dateMap[proposalStartDate]                    | isNotLegacy   |   |             |
|  |   |  |   | integerMap[durationInMonth]                   | isNotLegacy   |   |             |
|  |   |  |   | wfDictionaryMap[requestedCurrency]            | isNotLegacy   |   |             |
|  |   |  |   | numberMap[requestedInternalContribution]      | isNotLegacy   |   |             |
|  |   |  |   | numberMap[requestedInternalCost]              | isNotLegacy   |   |             |
|  |   |  | complex   | checkEffectiveDepartmentAccess                | always  |   |             |
|  |   |  |   | multipleOwnerValidator                        | isNotLegacy   |   |             |
|  |   |  |   | ownerPositionStartValidator                   | isNotLegacy   |   |             |
|  |   |  |   | ownerMissingRequiredRoleValidator             | isNotLegacy   |   |             |
|  |   |  |   | ownerDuplicatedRoleValidator                  | isNotLegacy   |   |             |
|  |   |  |   | internalOrganizationUnitValidator             | isNotLegacy   |   |             |
|  |   |  |   | checkPartnerValidatorProject                  | isNotLegacy   |   |             |
|  |   | save   | complex   | partnerAndRequestedGlobalCostValidatorProject | isNotLegacy   |   |             |
|  |   |  |   | grantorValidatorProject                       | isNotLegacy   |   |             |
|  |   | delete   | complex   | callValidatorProject                          | isNotLegacy   |   |             |
|  |   |  |   | identificator                                 | always  |   |             |
|  |   | element  | complex   | checkEffectiveDepartmentAccess                | always  |   |             |
|  |   |  |   | sameDefinitionForGenericItemValidator         | always  |   |             |
|  |   | Referente amministrativo (administrativeOwner) | element   | complex                                       | changeItemTypForNotSynchronizedItemValidator            | always  |             |
|  |   |  |   |   | uniquePeopleInOwnerAndContributorSetValidator           | isNotLegacy   |             |
|  |   | Organi dipartimentali (headOfDepartment)       | element   | complex                                       | ethicCommitteeDeleteInconsistentDataProject             | always  |             |
|  |   |  |   |   | childAndParentDetectorDeleteValidator                   | always  |             |
|  |   | Proposta definitiva<br>(internalFinal)         | all   | enter   | required  | checkEffectiveDepartmentAccess                                    | always      |
|  |   |  |   |   |   | multipleOwnerValidator  | isNotLegacy |
| ownerPositionStartValidator                    | isNotLegacy                                   |  |   |   |   |   |             |
| ownerMissingRequiredRoleValidator              | isNotLegacy                                   |  |   |   |   |   |             |
| ownerDuplicatedRoleValidator                   | isNotLegacy                                   |  |   |   |   |   |             |
| internalOrganizationUnitValidator              | isNotLegacy                                   |  |   |   |   |   |             |
| checkPartnerValidatorProject                   | isNotLegacy                                   |  |   |   |   |   |             |
| complex  | partnerAndRequestedGlobalCostValidatorProject |  |   |   | isNotLegacy   |   |             |
|  | grantorValidatorProject                       |  |   |   | isNotLegacy   |   |             |
|  | callValidatorProject                          |  |   |   | isNotLegacy   |   |             |
|  | save  |  |   |   | complex   | identificator   | always      |
|  |   |  |   |   |   | checkEffectiveDepartmentAccess                                    | always      |
|  | delete  |  |   |   | complex   | sameDefinitionForGenericItemValidator                             | always      |
|  |   |  |   |   |   | changeItemTypForNotSynchronizedItemValidator                      | always      |
| element  | complex                                       |  |   | uniquePeopleInOwnerAndContributorSetValidator | isNotLegacy   |   |             |
|  |   |  |   | ethicCommitteeDeleteInconsistentDataProject   | always  |   |             |
| Referente amministrativo (administrativeOwner) | element                                       |  |   | complex                                       | childAndParentDetectorDeleteValidator                   | always  |             |
|  |   |  |   |   | checkEffectiveDepartmentAccess                          | always  |             |
| Organi dipartimentali (headOfDepartment)       | element                                       |  |   | complex                                       | owner:save addOrgUnitFromNewOwnerValidator              | always  |             |
|  |   |  |   |   | owner:delete deleteOrgUnitAssociatedToOldOwnerValidator | always  |             |

|  |   |   |   |   |             |
|--|---|---|---|---|-------------|
|  |   |   | <b>required</b>   | identifier  | always      |
|  |   | <b>save</b>                                   | <b>complex</b>  | checkEffectiveDepartmentAccess                                    | always      |
|  |   |   |   | sameDefinitionForGenericItemValidator                             | always      |
|  |   | <b>delete</b>                                 | <b>complex</b>  | changeItemTypeInfoForNotSynchronizedItemValidator                 | always      |
|  |   |   |   | uniquePeopleInOwnerAndContributorSetValidator                     | isNotLegacy |
|  |   |   |   | ethicCommitteeDeleteInconsistentDataProject                       | always      |
|  |   |   |   | childAndParentDetectorDeleteValidator                             | always      |
|  |   |   |   | checkEffectiveDepartmentAccess                                    | always      |
|  |   | <b>element</b>                                | <b>complex</b>  | owner:save addOrgUnitFromNewOwnerValidator                        | always      |
|  |   |   |   | owner:delete deleteOrgUnitAssociatedToOldOwnerValidator           | always      |
|  | <b>Referente amministrativo (administrativeOwner)</b> | <b>element</b>                                | <b>complex</b>  | administrativeOwner:delete administrativeOwnerCannotDeleteHimself | isNotLegacy |
|  | <b>Organi dipartimentali (headOfDepartment)</b>       | <b>element</b>                                | <b>complex</b>  | internalOrganizationUnit:delete departmentDeleteValidator         | isNotLegacy |
|  |   |   |   | internalOrganizationUnit:save departmentChangeRoleValidator       | isNotLegacy |
| <b>Proposta approvata da presentare (internalApproved)</b> | <b>all</b>  | <b>enter</b>                                  | <b>required</b>   | wfitemTypeId  | always      |
|  |   |   |   | description   | isNotLegacy |
|  |   |   |   | dateMap[proposalStartDate]  | isNotLegacy |
|  |   |   |   | integerMap[durationInMonth]                                       | isNotLegacy |
|  |   |   |   | wfDictionaryMap[requestedCurrency]                                | isNotLegacy |
|  |   |   |   | numberMap[requestedInternalContribution]                          | isNotLegacy |
|  |   |   | numberMap[requestedInternalCost]  | isNotLegacy   |             |
|  |   |   | <b>complex</b>  | checkEffectiveDepartmentAccess                                    | always      |
|  |   |   |   | multipleOwnerValidator  | isNotLegacy |
|  |   |   |   | ownerPositionStartValidator                                       | isNotLegacy |
|  |   |   |   | ownerMissingRequiredRoleValidator                                 | isNotLegacy |
|  |   |   |   | ownerDuplicatedRoleValidator                                      | isNotLegacy |
|  |   |   |   | internalOrganizationUnitValidator                                 | isNotLegacy |
|  |   |   |   | checkPartnerValidatorProject                                      | isNotLegacy |
|  |   | partnerAndRequestedGlobalCostValidatorProject |   | isNotLegacy   |             |
|  |   | grantorValidatorProject                       | isNotLegacy   |   |             |
|  |   | callValidatorProject                          | isNotLegacy   |   |             |
|  |   | approvalValidatorProject                      | isNotLegacy   |   |             |
|  |   | <b>save</b>                                   | <b>required</b>   | identifier  | always      |
|  |   |   |   | checkEffectiveDepartmentAccess                                    | always      |
|  |   |   | <b>complex</b>  | sameDefinitionForGenericItemValidator                             | always      |
|  |   |   |   | changeItemTypeInfoForNotSynchronizedItemValidator                 | always      |
|  |   |   |   | uniquePeopleInOwnerAndContributorSetValidator                     | isNotLegacy |
|  |   |   |   | ethicCommitteeDeleteInconsistentDataProject                       | always      |
|  |   | <b>delete</b>                                 | <b>complex</b>  | childAndParentDetectorDeleteValidator                             | always      |
|  |   |   |   | checkEffectiveDepartmentAccess                                    | always      |
|  |   | <b>element</b>                                | <b>complex</b>  | owner:save addOrgUnitFromNewOwnerValidator                        | always      |
|  |   |   |   | owner:delete deleteOrgUnitAssociatedToOldOwnerValidator           | always      |
| <b>Referente amministrativo (administrativeOwner)</b>      | <b>element</b>  | <b>complex</b>                                | administrativeOwner:delete administrativeOwnerCannotDeleteHimself       | isNotLegacy   |             |
| <b>Organi dipartimentali (headOfDepartment)</b>            | <b>element</b>  | <b>complex</b>                                | internalOrganizationUnit:delete departmentDeleteValidator               | isNotLegacy   |             |
|  |   |   | internalOrganizationUnit:save departmentChangeRoleValidator             | isNotLegacy   |             |
| <b>Responsabile/Proprietario (owner)</b>                   | <b>element</b>  | <b>complex</b>                                | owner:delete ownerCannotDeleteHimself                                   | isNotLegacy   |             |
|  |   |   | owner:save ownerCannotDeleteHimself                                     | isNotLegacy   |             |
| <b>Delegato (internalRepresentative)</b>                   | <b>element</b>  | <b>complex</b>                                | internalRepresentative:delete internalRepresentativeCannotDeleteHimself | isNotLegacy   |             |
| <b>all</b>   | <b>enter</b>  | <b>required</b>                               | wfitemTypeId  | always  |             |
|  |   |   | description   | isNotLegacy   |             |
|  |   |   | dateMap[proposalStartDate]  | isNotLegacy   |             |
|  |   |   | integerMap[durationInMonth]   | isNotLegacy   |             |
|  |   |   | wfDictionaryMap[requestedCurrency]                                      | isNotLegacy   |             |
|  |   |   | numberMap[requestedInternalContribution]                                | isNotLegacy   |             |
|  |   | numberMap[requestedInternalCost]              | isNotLegacy   |   |             |
|  |   | <b>complex</b>                                | checkEffectiveDepartmentAccess  | always  |             |
|  |   |   | multipleOwnerValidator  | isNotLegacy   |             |
|  |   |   | ownerPositionStartValidator   | isNotLegacy   |             |
|  |   |   | ownerMissingRequiredRoleValidator                                       | isNotLegacy   |             |
|  |   |   | ownerDuplicatedRoleValidator  | isNotLegacy   |             |
|  |   |   | internalOrganizationUnitValidator                                       | isNotLegacy   |             |
|  |   |   | checkPartnerValidatorProject  | isNotLegacy   |             |
| partnerAndRequestedGlobalCostValidatorProject              | isNotLegacy   |   |   |   |             |

|   |   |          |  |  |  |  |        |
|---|---|----------|--|--|--|--|--------|
| Proposta non presentata<br>(internalRejected)     |   |          |  | <a href="#">grantorValidatorProject</a>  | <a href="#">isNotLegacy</a>                                |  |        |
|   |   |          |  | <a href="#">callValidatorProject</a>   | <a href="#">isNotLegacy</a>                                |  |        |
|   | save  | required |  | identifier   | always   |  |        |
|   |   |          |  | <a href="#">checkEffectiveDepartmentAccess</a>   | always   |  |        |
|   |   | complex  |  | <a href="#">sameDefinitionForGenericItemValidator</a>  | always   |  |        |
|   |   |          |  | <a href="#">changeItemTypeInfoForNotSynchronizedItemValidator</a>  | always   |  |        |
|   |   |          |  | <a href="#">uniquePeopleInOwnerAndContributorSetValidator</a>  | <a href="#">isNotLegacy</a>                                |  |        |
|   | delete  | complex  |  | <a href="#">ethicCommitteeDeleteInconsistentDataProject</a>  | always   |  |        |
|   |   |          |  | <a href="#">childAndParentDetectorDeleteValidator</a>  | always   |  |        |
|   | element   | complex  |  | <a href="#">checkEffectiveDepartmentAccess</a>   | always   |  |        |
|   |   |          | owner:save <a href="#">addOrgUnitFromNewOwnerValidator</a>   | always   |  |  |        |
|   |   |          | owner:delete <a href="#">deleteOrgUnitAssociatedToOldOwnerValidator</a>  | always   |  |  |        |
| Referente amministrativo<br>(administrativeOwner) | element   | complex  | administrativeOwner:delete <a href="#">administrativeOwnerCannotDeleteHimself</a>  | <a href="#">isNotLegacy</a>  |  |  |        |
| Organi dipartimentali<br>(headOfDepartment)       | element   | complex  | internalOrganizationUnit:delete <a href="#">departmentDeleteValidator</a><br>internalOrganizationUnit:save <a href="#">departmentChangeRoleValidator</a> | <a href="#">isNotLegacy</a><br><a href="#">isNotLegacy</a>   |  |  |        |
| Proposta presentata<br>(grantorSubmitted)         | all   | enter    |  | wfItemTypeId   | always   |  |        |
|   |   |          |  | description  | <a href="#">isNotLegacy</a>                                |  |        |
|   |   |          |  | dateMap[proposalStartDate]   | <a href="#">isNotLegacy</a>                                |  |        |
|   |   |          |  | integerMap[durationInMonth]  | <a href="#">isNotLegacy</a>                                |  |        |
|   |   |          | required   |  | wfDictionaryMap[requestedCurrency]                         | <a href="#">isNotLegacy</a>                    |        |
|   |   |          |  |  | numberMap[requestedInternalContribution]                   | <a href="#">isNotLegacy</a>                    |        |
|   |   |          |  |  | numberMap[requestedInternalCost]                           | <a href="#">isNotLegacy</a>                    |        |
|   |   |          |  |  | dateMap[expectedEvaluationDate]                            | <a href="#">isNotLegacy</a>                    |        |
|   |   |          |  |  | <a href="#">checkEffectiveDepartmentAccess</a>             | always   |        |
|   |   |          |  |  | <a href="#">multipleOwnerValidator</a>                     | <a href="#">isNotLegacy</a>                    |        |
|   |   | complex  |  | <a href="#">ownerPositionStartValidator</a>  | <a href="#">isNotLegacy</a>                                |  |        |
|   |   |          |  | <a href="#">ownerMissingRequiredRoleValidator</a>  | <a href="#">isNotLegacy</a>                                |  |        |
|   |   |          |  | <a href="#">ownerDuplicatedRoleValidator</a>   | <a href="#">isNotLegacy</a>                                |  |        |
|   |   |          |  | <a href="#">internalOrganizationUnitValidator</a>  | <a href="#">isNotLegacy</a>                                |  |        |
|   |   |          |  | <a href="#">checkPartnerValidatorProject</a>   | <a href="#">isNotLegacy</a>                                |  |        |
|   |   |          |  | <a href="#">partnerAndRequestedGlobalCostValidatorProject</a>  | <a href="#">isNotLegacy</a>                                |  |        |
|   |   |          |  | <a href="#">grantorValidatorProject</a>  | <a href="#">isNotLegacy</a>                                |  |        |
|   |   |          |  | <a href="#">callValidatorProject</a>   | <a href="#">isNotLegacy</a>                                |  |        |
|   |   |          | save   | required   |  | identifier                                     | always |
|   |   |          |  |  |  | <a href="#">checkEffectiveDepartmentAccess</a> | always |
|   | complex   |          |  | <a href="#">sameDefinitionForGenericItemValidator</a>  | always   |  |        |
|   |   |          |  | <a href="#">changeItemTypeInfoForNotSynchronizedItemValidator</a>  | always   |  |        |
|   |   |          |  | <a href="#">uniquePeopleInOwnerAndContributorSetValidator</a>  | <a href="#">isNotLegacy</a>                                |  |        |
|   |   |          |  | <a href="#">ethicCommitteeDeleteInconsistentDataProject</a>  | always   |  |        |
|   |   |          |  | <a href="#">childAndParentDetectorDeleteValidator</a>  | always   |  |        |
|   |   |          |  | <a href="#">checkEffectiveDepartmentAccess</a>   | always   |  |        |
|   |   |          |  | owner:save <a href="#">addOrgUnitFromNewOwnerValidator</a>   | always   |  |        |
|   |   |          |  | owner:delete <a href="#">deleteOrgUnitAssociatedToOldOwnerValidator</a>  | always   |  |        |
|   | Referente amministrativo<br>(administrativeOwner) | element  | complex  | administrativeOwner:delete <a href="#">administrativeOwnerCannotDeleteHimself</a>  | <a href="#">isNotLegacy</a>                                |  |        |
|   | Organi dipartimentali<br>(headOfDepartment)       | element  | complex  | internalOrganizationUnit:delete <a href="#">departmentDeleteValidator</a><br>internalOrganizationUnit:save <a href="#">departmentChangeRoleValidator</a> | <a href="#">isNotLegacy</a><br><a href="#">isNotLegacy</a> |  |        |
|   | all   | enter    |  | wfItemTypeId   | always   |  |        |
|   |   |          |  | description  | <a href="#">isNotLegacy</a>                                |  |        |
|   |   |          |  | dateMap[proposalStartDate]   | <a href="#">isNotLegacy</a>                                |  |        |
|   |   |          |  | integerMap[durationInMonth]  | <a href="#">isNotLegacy</a>                                |  |        |
|   |   |          | required   |  | wfDictionaryMap[requestedCurrency]                         | <a href="#">isNotLegacy</a>                    |        |
|   |   |          |  |  | numberMap[requestedInternalContribution]                   | <a href="#">isNotLegacy</a>                    |        |
|   |   |          |  |  | numberMap[requestedInternalCost]                           | <a href="#">isNotLegacy</a>                    |        |
|   |   |          |  |  | dateMap[expectedEvaluationDate]                            | <a href="#">isNotLegacy</a>                    |        |
|   |   |          |  |  | <a href="#">checkEffectiveDepartmentAccess</a>             | always   |        |
|   |   |          |  |  | <a href="#">multipleOwnerValidator</a>                     | <a href="#">isNotLegacy</a>                    |        |
| complex   |   |          | <a href="#">ownerPositionStartValidator</a>  | <a href="#">isNotLegacy</a>  |  |  |        |
|   |   |          | <a href="#">ownerMissingRequiredRoleValidator</a>  | <a href="#">isNotLegacy</a>  |  |  |        |
|   |   |          | <a href="#">ownerDuplicatedRoleValidator</a>   | <a href="#">isNotLegacy</a>  |  |  |        |
|   |   |          | <a href="#">internalOrganizationUnitValidator</a>  | <a href="#">isNotLegacy</a>  |  |  |        |
|   |   |          | <a href="#">checkPartnerValidatorProject</a>   | <a href="#">isNotLegacy</a>  |  |  |        |
|   |   |          | <a href="#">partnerAndRequestedGlobalCostValidatorProject</a>  | <a href="#">isNotLegacy</a>  |  |  |        |



|   |         |   |   |   |   |   |   |  |
|---|---------|---|---|---|---|---|---|--|
| Proposta accettata da ente finanziatore (grantorApproved) |         |   |   | grantorValidatorProject                     | isNotLegacy   |   |   |  |
|   |         |   |   | callValidatorProject                        | isNotLegacy   |   |   |  |
|   |         |   |   | evaluationValidatorProject                  | isNotLegacy   |   |   |  |
|   |         |   |   | save  | required  | identifier  | always  |  |
|   |         |   |   |   |   | checkEffectiveDepartmentAccess                                    | always  |  |
|   |         |   |   |   |   | sameDefinitionForGenericItemValidator                             | always  |  |
|   |         |   |   |   |   | complex   | changeItemTypeInfoForNotSynchronizedItemValidator | always   |
|   |         |   |   |   |   |   | uniquePeopleInOwnerAndContributorSetValidator     | isNotLegacy  |
|   |         |   |   | ethicCommitteeDeleteInconsistentDataProject | always  |   |   |  |
|   |         |   |   | delete                                      | complex   | childAndParentDetectorDeleteValidator                             | always  |  |
| checkEffectiveDepartmentAccess                            | always  |   |   |   |   |   |   |  |
| element   | complex | owner:save addOrgUnitFromNewOwnerValidator              | always  |   |   |   |   |  |
|   |         | owner:delete deleteOrgUnitAssociatedToOldOwnerValidator | always  |   |   |   |   |  |
| Referente amministrativo (administrativeOwner)            | element | complex   | administrativeOwner:delete administrativeOwnerCannotDeleteHimself | isNotLegacy                                 |   |   |   |  |
| Organi dipartimentali (headOfDepartment)                  | element | complex   | internalOrganizationUnit:delete departmentDeleteValidator         | isNotLegacy                                 |   |   |   |  |
| Proposta rifiutata da ente finanziatore (grantorRejected) | all     |   | enter   | wfItemTypeId                                | always  |   |   |  |
|   |         |   |   | description                                 | isNotLegacy   |   |   |  |
|   |         |   |   | dateMap[proposalStartDate]                  | isNotLegacy   |   |   |  |
|   |         |   |   | integerMap[durationInMonth]                 | isNotLegacy   |   |   |  |
|   |         |   |   | wfDictionaryMap[requestedCurrency]          | isNotLegacy   |   |   |  |
|   |         |   |   | numberMap[requestedInternalContribution]    | isNotLegacy   |   |   |  |
|   |         |   |   | numberMap[requestedInternalCost]            | isNotLegacy   |   |   |  |
|   |         |   |   | dateMap[expectedEvaluationDate]             | isNotLegacy   |   |   |  |
|   |         |   |   | complex                                     | checkEffectiveDepartmentAccess                          | always  |   |  |
|   |         |   |   |   | multipleOwnerValidator                                  | isNotLegacy   |   |  |
|   |         |   |   |   | ownerPositionStartValidator                             | isNotLegacy   |   |  |
|   |         |   |   |   | ownerMissingRequiredRoleValidator                       | isNotLegacy   |   |  |
|   |         |   |   |   | ownerDuplicatedRoleValidator                            | isNotLegacy   |   |  |
|   |         |   |   |   | internalOrganizationUnitValidator                       | isNotLegacy   |   |  |
|   |         |   |   |   | checkPartnerValidatorProject                            | isNotLegacy   |   |  |
|   |         |   | partnerAndRequestedGlobalCostValidatorProject                     |   | isNotLegacy   |   |   |  |
|   |         |   | grantorValidatorProject   |   | isNotLegacy   |   |   |  |
|   |         |   | callValidatorProject  |   | isNotLegacy   |   |   |  |
|   |         |   | evaluationValidatorProject  | isNotLegacy                                 |   |   |   |  |
|   |         |   | save  | required                                    | identifier  | always  |   |  |
|   |         |   |   |   | checkEffectiveDepartmentAccess                          | always  |   |  |
|   |         |   |   |   | sameDefinitionForGenericItemValidator                   | always  |   |  |
|   |         |   |   |   | complex   | changeItemTypeInfoForNotSynchronizedItemValidator                 | always  |  |
|   |         |   |   |   |   | uniquePeopleInOwnerAndContributorSetValidator                     | isNotLegacy                                       |  |
|   |         |   | ethicCommitteeDeleteInconsistentDataProject                       | always                                      |   |   |   |  |
|   |         |   | delete  | complex                                     | childAndParentDetectorDeleteValidator                   | always  |   |  |
|   |         |   |   |   | checkEffectiveDepartmentAccess                          | always  |   |  |
|   |         |   | element   | complex                                     | owner:save addOrgUnitFromNewOwnerValidator              | always  |   |  |
|   |         |   |   |   | owner:delete deleteOrgUnitAssociatedToOldOwnerValidator | always  |   |  |
|   |         |   | Referente amministrativo (administrativeOwner)                    | element                                     | complex   | administrativeOwner:delete administrativeOwnerCannotDeleteHimself | isNotLegacy                                       |  |
|   |         |   | Organi dipartimentali (headOfDepartment)                          | element                                     | complex   | internalOrganizationUnit:delete departmentDeleteValidator         | isNotLegacy                                       |  |
|   |         |   |   |   |   |   | wfItemTypeId                                      | always   |
|   |         |   |   |   |   |   | description                                       | isNotLegacy  |
|   |         |   |   |   |   |   | dateMap[proposalStartDate]                        | isNotLegacy  |
|   |         |   |   |   |   |   | integerMap[durationInMonth]                       | isNotLegacy  |
|   |         |   |   |   |   |   | wfDictionaryMap[requestedCurrency]                | isNotLegacy  |
|   |         |   |   |   |   |   | numberMap[requestedInternalContribution]          | isNotLegacy  |
|   |         |   |   |   |   |   | numberMap[requestedInternalCost]                  | isNotLegacy  |
|   |         |   |   |   |   |   | numberMap[requestedInternalCofinancing]           | isNotLegacy  |
|   |         |   |   |   |   |   | dateMap[expectedEvaluationDate]                   | isNotLegacy  |
|   |         |   |   |   |   |   | stringMap[grantNumber]                            | isNotLegacy  |
|   |         |   |   |   |   |   | wfDictionaryMap[currency]                         | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
|   |         |   |   |   |   |   | numberMap[internalContribution]                   | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
|   |         |   |   |   |   |   | checkEffectiveDepartmentAccess                    | always   |

Finanziato  
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|   |  |  |   |             |
|---|--|--|---|-------------|
| <b>enter</b>  | <b>complex</b>                           | multipleOwnerValidator                                   | isNotLegacy   |             |
|   |  | ownerPositionStartValidator                              | isNotLegacy   |             |
| ownerMissingRequiredRoleValidator                     |  | isNotLegacy  |   |             |
| ownerDuplicatedRoleValidator                          |  | isNotLegacy  |   |             |
| internalOrganizationUnitValidator                     |  | isNotLegacy  |   |             |
| checkPartnerValidatorProject                          |  | isNotLegacy  |   |             |
| partnerAndRequestedGlobalCostValidatorProject         |  | isNotLegacy  |   |             |
| grantorValidatorProject                               |  | isNotLegacy  |   |             |
| callValidatorProject                                  |  | isNotLegacy  |   |             |
| evaluationValidatorProject                            |  | isNotLegacy  |   |             |
| administrativeOwnerValidator                          |  | isNotLegacy  |   |             |
| keywordSdgValidator                                   |  | isNotLegacy  |   |             |
| partnerAndGlobalCostValidatorProject                  |  | isNotLegacy  |   |             |
| organizationUnitRoleValidatorProject                  |  | isNotLegacy  |   |             |
| ownerRoleValidator                                    |  | isNotLegacy  |   |             |
| ownerAndOrganizationUnitMatchValidatorProject         |  | isNotLegacy  |   |             |
| uniqueIdentifierProject                               |  | isNotLegacy  |   |             |
| <b>required</b>                                       |  | identifier   | always  |             |
|   | wfItemTyped                              | always   |   |             |
|   | description                              | isNotLegacy  |   |             |
|   | dateMap[proposalStartDate]               | isNotLegacy  |   |             |
|   | integerMap[durationInMonth]              | isNotLegacy  |   |             |
|   | wfDictionaryMap[requestedCurrency]       | isNotLegacy  |   |             |
|   | numberMap[requestedInternalContribution] | isNotLegacy  |   |             |
|   | numberMap[requestedInternalCost]         | isNotLegacy  |   |             |
|   | numberMap[requestedInternalCofinancing]  | isNotLegacy  |   |             |
|   | dateMap[expectedEvaluationDate]          | isNotLegacy  |   |             |
|   | stringMap[grantNumber]                   | isNotLegacy  |   |             |
|   | wfDictionaryMap[currency]                | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |   |             |
|   | numberMap[internalContribution]          | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |   |             |
|   | <b>save</b>                              | <b>required</b>  | checkEffectiveDepartmentAccess                                    | always      |
|   |  |  | sameDefinitionForGenericItemValidator                             | always      |
|   |  |  | changeItemTypeForNotSynchronizedItemValidator                     | always      |
|   |  |  | uniquePeopleInOwnerAndContributorSetValidator                     | isNotLegacy |
|   |  |  | ethicCommitteeDeleteInconsistentDataProject                       | always      |
| checkEffectiveDepartmentAccess                        |  |  | always  |             |
| multipleOwnerValidator                                |  |  | isNotLegacy   |             |
| ownerPositionStartValidator                           |  |  | isNotLegacy   |             |
| ownerMissingRequiredRoleValidator                     |  |  | isNotLegacy   |             |
| <b>complex</b>  |  | ownerDuplicatedRoleValidator                             | isNotLegacy   |             |
|   |  | internalOrganizationUnitValidator                        | isNotLegacy   |             |
|   |  | checkPartnerValidatorProject                             | isNotLegacy   |             |
|   |  | partnerAndRequestedGlobalCostValidatorProject            | isNotLegacy   |             |
|   |  | grantorValidatorProject                                  | isNotLegacy   |             |
|   |  | callValidatorProject                                     | isNotLegacy   |             |
|   |  | evaluationValidatorProject                               | isNotLegacy   |             |
|   |  | administrativeOwnerValidator                             | isNotLegacy   |             |
|   |  | keywordSdgValidator                                      | isNotLegacy   |             |
| partnerAndGlobalCostValidatorProject                  | isNotLegacy                              |  |   |             |
| organizationUnitRoleValidatorProject                  | isNotLegacy                              |  |   |             |
| ownerRoleValidator                                    | isNotLegacy                              |  |   |             |
| ownerAndOrganizationUnitMatchValidatorProject         | isNotLegacy                              |  |   |             |
| uniqueIdentifierProject                               | isNotLegacy                              |  |   |             |
| <b>delete</b>   | <b>complex</b>                           | childAndParentDetectorDeleteValidator                    | always  |             |
|   |  | checkEffectiveDepartmentAccess                           | always  |             |
| <b>element</b>  | <b>complex</b>                           | owner:save addOrgUnitFromNewOwnerValidator               | always  |             |
|   |  | owner:delete deleteOrgUnitAssociatedToOldOwnerValidator  | always  |             |
| <b>Referente amministrativo (administrativeOwner)</b> | <b>element</b>                           | <b>complex</b>   | administrativeOwner:delete administrativeOwnerCannotDeleteHimself | isNotLegacy |
| <b>Organi dipartimentali (headOfDepartment)</b>       | <b>element</b>                           | <b>complex</b>   | internalOrganizationUnit:delete departmentDeleteValidator         | always      |
|   |  |  | internalOrganizationUnit:save departmentChangeRoleValidator       | always      |
|   |  |  | wfItemTyped   | always      |
|   |  |  | description   | isNotLegacy |
|   |  |  | dateMap[proposalStartDate]  | isNotLegacy |

Operativo  
(operative)

all

enter

|                                |  |  |
|--------------------------------|--|--|
| <b>required</b>                | integerMap[durationInMonth]                          | isNotLegacy  |
|                                | wfDictionaryMap[requestedCurrency]                   | isNotLegacy  |
|                                | numberMap[requestedInternalContribution]             | isNotLegacy  |
|                                | numberMap[requestedInternalCost]                     | isNotLegacy  |
|                                | numberMap[requestedInternalCofinancing]              | isNotLegacy  |
|                                | dateMap[expectedEvaluationDate]                      | isNotLegacy  |
|                                | stringMap[grantNumber]                               | isNotLegacy  |
|                                | dateMap[startDate]                                   | isNotLegacy  |
|                                | dateMap[endDate]                                     | isNotLegacy  |
|                                | dateMap[expenditureStartDate]                        | isNotLegacy  |
|                                | dateMap[expenditureEndDate]                          | isNotLegacy  |
|                                | wfDictionaryMap[currency]                            | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
|                                | numberMap[internalContribution]                      | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
|                                | numberMap[internalCost]                              | isNotLegacy  |
|                                | numberMap[internalCofinancing]                       | isNotLegacy  |
| <b>complex</b>                 | checkEffectiveDepartmentAccess                       | always   |
|                                | multipleOwnerValidator                               | isNotLegacy  |
|                                | ownerPositionStartValidator                          | isNotLegacy  |
|                                | ownerMissingRequiredRoleValidator                    | isNotLegacy  |
|                                | ownerDuplicatedRoleValidator                         | isNotLegacy  |
|                                | internalOrganizationUnitValidator                    | isNotLegacy  |
|                                | checkPartnerValidatorProject                         | isNotLegacy  |
|                                | partnerAndRequestedGlobalCostValidatorProject        | isNotLegacy  |
|                                | dateCheckCoverageAndOverlap                          | isNotLegacy  |
|                                | grantorValidatorProject                              | isNotLegacy  |
|                                | callValidatorProject                                 | isNotLegacy  |
|                                | evaluationValidatorProject                           | isNotLegacy  |
|                                | administrativeOwnerValidator                         | isNotLegacy  |
|                                | keywordSdgValidator                                  | isNotLegacy  |
|                                | partnerAndGlobalCostValidatorProject                 | isNotLegacy  |
|                                | internalOrganizationUnitCostRequiredValidatorProject | isNotLegacy  |
|                                | checkInconsistentFundingValidatorProject             | isNotLegacy  |
|                                | financingSumProjectValidator                         | isNotLegacy  |
|                                | expenditureStartDateAndExpenditureEndDateValidator   | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
|                                | projectEndDateAndExpenditureEndDateValidator         | isNotLegacy  |
|                                | startDateAndEndDateValidator                         | always   |
|                                | contributorAndOwnerStartDateValidator                | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
|                                | contributorAndOwnerValidatorWithStartEndDate         | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
|                                | currencyAndInternalContributionValidatorProject      | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
|                                | checkDateExtensionValidator                          | isNotLegacy  |
|                                | organizationUnitRoleValidatorProject                 | isNotLegacy  |
|                                | ownerRoleValidator                                   | isNotLegacy  |
|                                | grantorFinancingQuotaRequiredValidatorProject        | isNotLegacy  |
|                                | ownerAndOrganizationUnitMatchValidatorProject        | isNotLegacy  |
|                                | uniqueIdentifierProject                              | isNotLegacy  |
| wfUgovPjSenderValidatorProject | always   |  |
| ownerDuplicatedRoleValidator   | isNotLegacy  |  |
| <b>required</b>                | identifier   | always   |
|                                | wfItemTypeId   | always   |
|                                | description  | isNotLegacy  |
|                                | dateMap[proposalStartDate]                           | isNotLegacy  |
|                                | integerMap[durationInMonth]                          | isNotLegacy  |
|                                | wfDictionaryMap[requestedCurrency]                   | isNotLegacy  |
|                                | numberMap[requestedInternalContribution]             | isNotLegacy  |
|                                | numberMap[requestedInternalCost]                     | isNotLegacy  |
|                                | numberMap[requestedInternalCofinancing]              | isNotLegacy  |
|                                | dateMap[expectedEvaluationDate]                      | isNotLegacy  |
|                                | stringMap[grantNumber]                               | isNotLegacy  |
|                                | dateMap[startDate]                                   | isNotLegacy  |
|                                | dateMap[endDate]                                     | isNotLegacy  |
|                                | dateMap[expenditureStartDate]                        | isNotLegacy  |
|                                | dateMap[expenditureEndDate]                          | isNotLegacy  |

|  |   |                |  |   |   |
|--|---|----------------|--|---|---|
|  |   |                |  | wfDictionaryMap[currency]   | isNotLegacy isYearGreaterOrEqualThanConfigurationProject    |
|  |   |                |  | numberMap[internalContribution]                                   | isNotLegacy isYearGreaterOrEqualThanConfigurationProject    |
|  |   |                |  | numberMap[internalCost]   | isNotLegacy   |
|  |   |                |  | numberMap[internalCofinancing]                                    | isNotLegacy   |
|  | <b>save</b>   | <b>complex</b> |  | checkEffectiveDepartmentAccess                                    | always  |
|  |   |                | sameDefinitionForGenericItemValidator                | always  |   |
|  |   |                | changeItemTypForNotSynchronizedItemValidator         | always  |   |
|  |   |                | uniquePeopleInOwnerAndContributorSetValidator        | isNotLegacy   |   |
|  |   |                | ethicCommitteeDeleteInconsistentDataProject          | always  |   |
|  |   |                | checkEffectiveDepartmentAccess                       | always  |   |
|  |   |                | multipleOwnerValidator                               | isNotLegacy   |   |
|  |   |                | ownerPositionStartValidator                          | isNotLegacy   |   |
|  |   |                | ownerMissingRequiredRoleValidator                    | isNotLegacy   |   |
|  |   |                | internalOrganizationUnitValidator                    | isNotLegacy   |   |
|  |   |                | checkPartnerValidatorProject                         | isNotLegacy   |   |
|  |   |                | partnerAndRequestedGlobalCostValidatorProject        | isNotLegacy   |   |
|  |   |                | dateCheckCoverageAndOverlap                          | isNotLegacy   |   |
|  |   |                | grantorValidatorProject                              | isNotLegacy   |   |
|  |   |                | callValidatorProject                                 | isNotLegacy   |   |
|  |   |                | evaluationValidatorProject                           | isNotLegacy   |   |
|  |   |                | administrativeOwnerValidator                         | isNotLegacy   |   |
|  |   |                | keywordSdgValidator                                  | isNotLegacy   |   |
|  |   |                | partnerAndGlobalCostValidatorProject                 | isNotLegacy   |   |
|  |   |                | internalOrganizationUnitCostRequiredValidatorProject | isNotLegacy   |   |
|  |   |                | checkInconsistentFundingValidatorProject             | isNotLegacy   |   |
|  |   |                | financingSumProjectValidator                         | isNotLegacy   |   |
|  |   |                | expenditureStartDateAndExpenditureEndDateValidator   | isNotLegacy isYearGreaterOrEqualThanConfigurationProject          |   |
|  |   |                | projectEndDateAndExpenditureEndDateValidator         | isNotLegacy   |   |
|  |   |                | startDateAndEndDateValidator                         | always  |   |
|  |   |                | contributorAndOwnerStartDateValidator                | isNotLegacy isYearGreaterOrEqualThanConfigurationProject          |   |
|  |   |                | contributorAndOwnerValidatorWithStartEndDate         | isNotLegacy isYearGreaterOrEqualThanConfigurationProject          |   |
|  |   |                | currencyAndInternalContributionValidatorProject      | isNotLegacy isYearGreaterOrEqualThanConfigurationProject          |   |
|  |   |                | checkDateExtensionValidator                          | isNotLegacy   |   |
|  |   |                | organizationUnitRoleValidatorProject                 | isNotLegacy   |   |
|  |   |                | ownerRoleValidator                                   | isNotLegacy   |   |
|  |   |                | grantorFinancingQuotaRequiredValidatorProject        | isNotLegacy   |   |
|  | ownerAndOrganizationUnitMatchValidatorProject         | isNotLegacy    |  |   |   |
|  | uniqueIdentifierProject                               | isNotLegacy    |  |   |   |
|  | wfUgovPjSenderValidatorProject                        | always         |  |   |   |
|  | <b>delete</b>   | <b>complex</b> |  | childAndParentDetectorDeleteValidator                             | always  |
|  |   |                |  | checkEffectiveDepartmentAccess                                    | always  |
|  | <b>element</b>  | <b>complex</b> |  | owner:save addOrgUnitFromNewOwnerValidator                        | always  |
|  |   |                |  | owner:delete deleteOrgUnitAssociatedToOldOwnerValidator           | always  |
|  | <b>Referente amministrativo (administrativeOwner)</b> | <b>element</b> | <b>complex</b>                                       | administrativeOwner:delete administrativeOwnerCannotDeleteHimself | isNotLegacy   |
|  | <b>Organi dipartimentali (headOfDepartment)</b>       | <b>element</b> | <b>complex</b>                                       | internalOrganizationUnit:delete departmentDeleteValidator         | always  |
|  |   |                |  |   | internalOrganizationUnit:save departmentChangeRoleValidator |
|  |   |                |  | wfItemTyped   | always  |
|  |   |                |  | description   | isNotLegacy   |
|  |   |                |  | dateMap[proposalStartDate]  | isNotLegacy   |
|  |   |                |  | integerMap[durationInMonth]                                       | isNotLegacy   |
|  |   |                |  | wfDictionaryMap[requestedCurrency]                                | isNotLegacy   |
|  |   |                |  | numberMap[requestedInternalContribution]                          | isNotLegacy   |
|  |   |                |  | numberMap[requestedInternalCost]                                  | isNotLegacy   |
|  |   |                |  | numberMap[requestedInternalCofinancing]                           | isNotLegacy   |
|  |   |                |  | dateMap[expectedEvaluationDate]                                   | isNotLegacy   |
|  |   |                |  | stringMap[grantNumber]  | isNotLegacy   |
|  |   |                |  | dateMap[startDate]  | isNotLegacy   |
|  |   |                |  | dateMap[endDate]  | isNotLegacy   |
|  |   |                |  | dateMap[expenditureStartDate]                                     | isNotLegacy   |
|  |   |                |  | dateMap[expenditureEndDate]                                       | isNotLegacy   |
|  |   |                | <b>required</b>                                      |   |   |

Conclude (concluded)

all

enter

|  |  |  |
|--|--|--|
|  | wfDictionaryMap[currency]                            | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
|  | numberMap[internalContribution]                      | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
|  | numberMap[internalCost]                              | isNotLegacy  |
|  | numberMap[internalCofinancing]                       | isNotLegacy  |
| complex                                  | checkEffectiveDepartmentAccess                       | always   |
|  | multipleOwnerValidator                               | isNotLegacy  |
|  | ownerPositionStartValidator                          | isNotLegacy  |
|  | ownerMissingRequiredRoleValidator                    | isNotLegacy  |
|  | ownerDuplicatedRoleValidator                         | isNotLegacy  |
|  | internalOrganizationUnitValidator                    | isNotLegacy  |
|  | checkPartnerValidatorProject                         | isNotLegacy  |
|  | partnerAndRequestedGlobalCostValidatorProject        | isNotLegacy  |
|  | dateCheckCoverageAndOverlap                          | isNotLegacy  |
|  | grantorValidatorProject                              | isNotLegacy  |
|  | callValidatorProject                                 | isNotLegacy  |
|  | evaluationValidatorProject                           | isNotLegacy  |
|  | administrativeOwnerValidator                         | isNotLegacy  |
|  | keywordSdgValidator                                  | isNotLegacy  |
|  | partnerAndGlobalCostValidatorProject                 | isNotLegacy  |
|  | internalOrganizationUnitCostRequiredValidatorProject | isNotLegacy  |
|  | checkInconsistentFundingValidatorProject             | isNotLegacy  |
|  | financingSumProjectValidator                         | isNotLegacy  |
|  | expenditureStartDateAndExpenditureEndDateValidator   | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
|  | projectEndDateAndExpenditureEndDateValidator         | isNotLegacy  |
|  | startDateAndEndDateValidator                         | always   |
|  | contributorAndOwnerStartDateValidator                | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
|  | contributorAndOwnerValidatorWithStartEndDate         | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
|  | currencyAndInternalContributionValidatorProject      | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
|  | checkDateExtensionValidator                          | isNotLegacy  |
|  | organizationUnitRoleValidatorProject                 | isNotLegacy  |
|  | ownerRoleValidator                                   | isNotLegacy  |
|  | grantorFinancingQuotaRequiredValidatorProject        | isNotLegacy  |
|  | ownerAndOrganizationUnitMatchValidatorProject        | isNotLegacy  |
|  | uniqueIdentifierProject                              | isNotLegacy  |
|  | wfUgovPjSenderValidatorProject                       | always   |
|  | ownerDuplicatedRoleValidator                         | isNotLegacy  |
|  | required   | identifier   |
| wfItemTypeId                             |  | always   |
| description                              |  | isNotLegacy  |
| dateMap[proposalStartDate]               |  | isNotLegacy  |
| integerMap[durationInMonth]              |  | isNotLegacy  |
| wfDictionaryMap[requestedCurrency]       |  | isNotLegacy  |
| numberMap[requestedInternalContribution] |  | isNotLegacy  |
| numberMap[requestedInternalCost]         |  | isNotLegacy  |
| numberMap[requestedInternalCofinancing]  |  | isNotLegacy  |
| dateMap[expectedEvaluationDate]          |  | isNotLegacy  |
| stringMap[grantNumber]                   |  | isNotLegacy  |
| dateMap[startDate]                       |  | isNotLegacy  |
| dateMap[endDate]                         |  | isNotLegacy  |
| dateMap[expenditureStartDate]            |  | isNotLegacy  |
| dateMap[expenditureEndDate]              |  | isNotLegacy  |
| wfDictionaryMap[currency]                |  | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
| numberMap[internalContribution]          |  | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
| numberMap[internalCost]                  |  | isNotLegacy  |
| numberMap[internalCofinancing]           | isNotLegacy  |  |
|  | checkEffectiveDepartmentAccess                       | always   |
|  | sameDefinitionForGenericItemValidator                | always   |
|  | changeItemTypeForNotSynchronizedItemValidator        | always   |
|  | uniquePeopleInOwnerAndContributorSetValidator        | isNotLegacy  |
|  | ethicCommitteeDeleteInconsistentDataProject          | always   |
| checkEffectiveDepartmentAccess           | always   |  |

|  |  |         |         |   |  |
|--|--|---------|---------|---|--|
|  |  |         |         | multipleOwnerValidator                                  | isNotLegacy  |
|  |  |         |         | ownerPositionStartValidator                             | isNotLegacy  |
|  |  |         |         | ownerMissingRequiredRoleValidator                       | isNotLegacy  |
|  |  |         |         | internalOrganizationUnitValidator                       | isNotLegacy  |
|  |  |         |         | checkPartnerValidatorProject                            | isNotLegacy  |
|  |  |         |         | partnerAndRequestedGlobalCostValidatorProject           | isNotLegacy  |
|  |  |         |         | dateCheckCoverageAndOverlap                             | isNotLegacy  |
|  |  |         |         | grantorValidatorProject                                 | isNotLegacy  |
|  |  |         |         | callValidatorProject                                    | isNotLegacy  |
|  |  |         |         | evaluationValidatorProject                              | isNotLegacy  |
|  |  |         |         | administrativeOwnerValidator                            | isNotLegacy  |
|  |  |         |         | keywordSdgValidator                                     | isNotLegacy  |
|  |  |         | complex | partnerAndGlobalCostValidatorProject                    | isNotLegacy  |
|  |  |         |         | internalOrganizationUnitCostRequiredValidatorProject    | isNotLegacy  |
|  |  |         |         | checkInconsistentFundingValidatorProject                | isNotLegacy  |
|  |  |         |         | financingSumProjectValidator                            | isNotLegacy  |
|  |  |         |         | expenditureStartDateAndExpenditureEndDateValidator      | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
|  |  |         |         | projectEndDateAndExpenditureEndDateValidator            | isNotLegacy  |
|  |  |         |         | startDateAndEndDateValidator                            | always   |
|  |  |         |         | contributorAndOwnerStartDateValidator                   | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
|  |  |         |         | contributorAndOwnerValidatorWithStartEndDate            | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
|  |  |         |         | currencyAndInternalContributionValidatorProject         | isNotLegacy isYearGreaterOrEqualThanConfigurationProject |
|  |  |         |         | checkDateExtensionValidator                             | isNotLegacy  |
|  |  |         |         | organizationUnitRoleValidatorProject                    | isNotLegacy  |
|  |  |         |         | ownerRoleValidator                                      | isNotLegacy  |
|  |  |         |         | grantorFinancingQuotaRequiredValidatorProject           | isNotLegacy  |
|  |  |         |         | ownerAndOrganizationUnitMatchValidatorProject           | isNotLegacy  |
|  |  |         |         | uniqueIdentifierProject                                 | isNotLegacy  |
|  |  |         |         | wfUgovPjSenderValidatorProject                          | always   |
|  |  |         |         | childAndParentDetectorDeleteValidator                   | always   |
|  |  | delete  | complex | checkEffectiveDepartmentAccess                          | always   |
|  |  |         |         | owner:save addOrgUnitFromNewOwnerValidator              | always   |
|  |  | element | complex | owner:delete deleteOrgUnitAssociatedToOldOwnerValidator | always   |

## Logiche (action/start)

Nella seguente sezione vengono riportate le

- **START LOGICS**  
Le start logics sono le "azioni" che vengono eseguite in fase di creazione di un nuovo oggetto radice
- **ACTION LOGICS**  
Le action logics sono delle "azioni" che vengono eseguite al verificarsi di determinati eventi.  
Gli eventi contemplati sono:
  - enter: ingresso in uno stato
  - save: salvataggio dell'oggetto radice

Di seguito viene riportato il dettaglio delle logiche definite per questo flusso.

### START LOGICS

- [wfStartLogicAcademicField2000](#)
- [wfStartLogicPartner](#)
- [wfStartLogicMultipleOwners](#)
- [wfStartLogicInternalRepresentativeFromUser](#)
- [wfStartLogicIdentifier](#)
- [wfStartLogicProjectTypeFromCall](#)
- [wfStartLogicYearFromStartDate](#)

### ACTION LOGICS

- Bozza (draft)
  - **ENTER LOGICS**
    - [wfActionLogicEnterMailSender](#)
    - [wfActionLogicWarningHandler](#)
    - [wfActionLogicTransitionLogger](#)
  - **SAVE LOGICS**
    - [wfActionLogicSaveMultipleOwner](#)
    - [wfActionLogicSaveContributorDefault](#)

- wfActionLogicSaveMultipleOrganizationUnit
  - wfActionLogicSaveMultipleAdministrativeOwner
  - wfActionLogicSaveMultipleInternalRepresentatives
  - wfActionLogicSaveNewIdentifier
- In Lavorazione (internalSubmitted)
  - **ENTER LOGICS**
    - wfActionLogicGenerateArchiveNumberOnlyOnce
    - wfActionLogicEnterMailSender
    - wfActionLogicWarningHandler
    - wfActionLogicTransitionLogger
  - **SAVE LOGICS**
    - wfActionLogicSaveMultipleOwner
    - wfActionLogicSaveContributorDefault
    - wfActionLogicSaveMultipleOrganizationUnit
    - wfActionLogicSaveMultipleAdministrativeOwner
    - wfActionLogicSaveMultipleInternalRepresentatives
    - wfActionLogicSaveNewIdentifier
- Proposta definitiva (internalFinal)
  - **ENTER LOGICS**
    - wfActionLogicGenerateArchiveNumberOnlyOnce
    - wfActionLogicEnterMailSender
    - wfActionLogicWarningHandler
    - wfActionLogicTransitionLogger
  - **SAVE LOGICS**
    - wfActionLogicSaveMultipleOwner
    - wfActionLogicSaveContributorDefault
    - wfActionLogicSaveMultipleOrganizationUnit
    - wfActionLogicSaveMultipleAdministrativeOwner
    - wfActionLogicSaveMultipleInternalRepresentatives
    - wfActionLogicSaveNewIdentifier
- Proposta approvata da presentare (internalApproved)
  - **ENTER LOGICS**
    - wfActionLogicEnterMailSender
    - wfActionLogicWarningHandler
    - wfActionLogicTransitionLogger
  - **SAVE LOGICS**
    - wfActionLogicSaveMultipleOwner
    - wfActionLogicSaveContributorDefault
    - wfActionLogicSaveMultipleOrganizationUnit
    - wfActionLogicSaveMultipleAdministrativeOwner
    - wfActionLogicSaveMultipleInternalRepresentatives
    - wfActionLogicSaveNewIdentifier
- Proposta non presentata (internalRejected)
  - **ENTER LOGICS**
    - wfActionLogicEnterMailSender
    - wfActionLogicWarningHandler
    - wfActionLogicTransitionLogger
  - **SAVE LOGICS**
    - wfActionLogicSaveMultipleOwner
    - wfActionLogicSaveContributorDefault
    - wfActionLogicSaveMultipleOrganizationUnit
    - wfActionLogicSaveMultipleAdministrativeOwner
    - wfActionLogicSaveMultipleInternalRepresentatives
    - wfActionLogicSaveNewIdentifier
- Proposta presentata (grantorSubmitted)
  - **ENTER LOGICS**
    - wfActionLogicEnterMailSender
    - wfActionLogicWarningHandler
    - wfActionLogicTransitionLogger
  - **SAVE LOGICS**
    - wfActionLogicSaveMultipleOwner
    - wfActionLogicSaveContributorDefault
    - wfActionLogicSaveMultipleOrganizationUnit
    - wfActionLogicSaveMultipleAdministrativeOwner
    - wfActionLogicSaveMultipleInternalRepresentatives
    - wfActionLogicSaveNewIdentifier
- Proposta accettata da ente finanziatore (grantorApproved)
  - **ENTER LOGICS**
    - wfActionLogicEnterMailSender
    - wfActionLogicWarningHandler
    - wfActionLogicTransitionLogger
  - **SAVE LOGICS**
    - wfActionLogicSaveMultipleOwner
    - wfActionLogicSaveContributorDefault
    - wfActionLogicSaveMultipleOrganizationUnit
    - wfActionLogicSaveMultipleAdministrativeOwner
    - wfActionLogicSaveMultipleInternalRepresentatives
    - wfActionLogicSaveNewIdentifier
- Proposta rifiutata da ente finanziatore (grantorRejected)

- **ENTER LOGICS**
  - wfActionLogicEnterMailSender
  - wfActionLogicWarningHandler
  - wfActionLogicTransitionLogger
- **SAVE LOGICS**
  - wfActionLogicSaveMultipleOwner
  - wfActionLogicSaveContributorDefault
  - wfActionLogicSaveMultipleOrganizationUnit
  - wfActionLogicSaveMultipleAdministrativeOwner
  - wfActionLogicSaveMultipleInternalRepresentatives
  - wfActionLogicSaveNewIdentifier
- Finanziato (financed)
  - **ENTER LOGICS**
    - wfActionLogicEnterMailSender
    - wfActionLogicWarningHandler
    - wfActionLogicTransitionLogger
  - **SAVE LOGICS**
    - wfActionLogicSaveMultipleOwner
    - wfActionLogicSaveContributorDefault
    - wfActionLogicSaveMultipleOrganizationUnit
    - wfActionLogicSaveMultipleAdministrativeOwner
- Operativo (operative)
  - **ENTER LOGICS**
    - wfActionLogicEnterMailSender
    - wfActionLogicWarningHandler
    - wfActionLogicTransitionLogger
  - **SAVE LOGICS**
    - wfActionLogicSaveMultipleOwner
    - wfActionLogicSaveContributorDefault
    - wfActionLogicSaveMultipleOrganizationUnit
    - wfActionLogicSaveMultipleAdministrativeOwner
- Concluso (concluded)
  - **ENTER LOGICS**
    - wfActionLogicEnterMailSender
    - wfActionLogicWarningHandler
    - wfActionLogicTransitionLogger
  - **SAVE LOGICS**
    - wfActionLogicSaveMultipleOwner
    - wfActionLogicSaveContributorDefault
    - wfActionLogicSaveMultipleOrganizationUnit
    - wfActionLogicSaveMultipleAdministrativeOwner