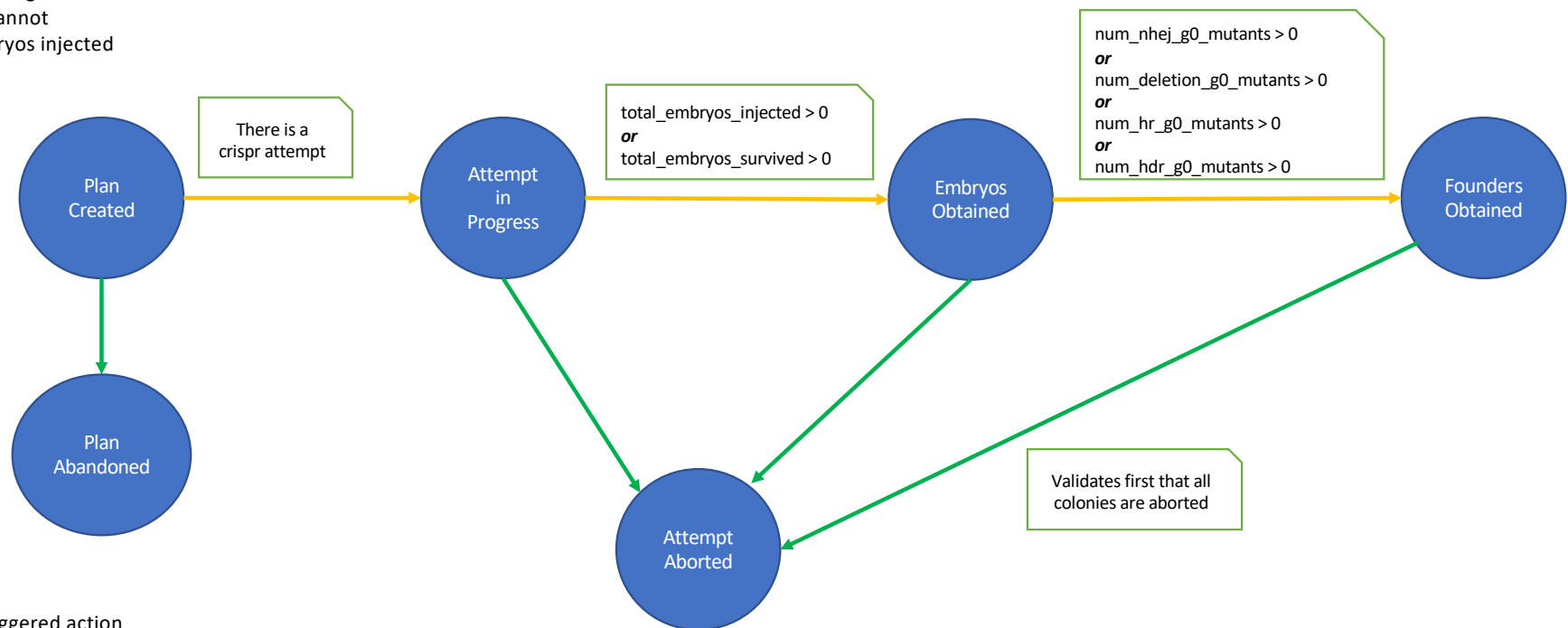# Transitions for a Crispr Production Plan

**Validation Rules:**
- Counts must not be negative
- Embryos survived cannot be larger than embryos injected
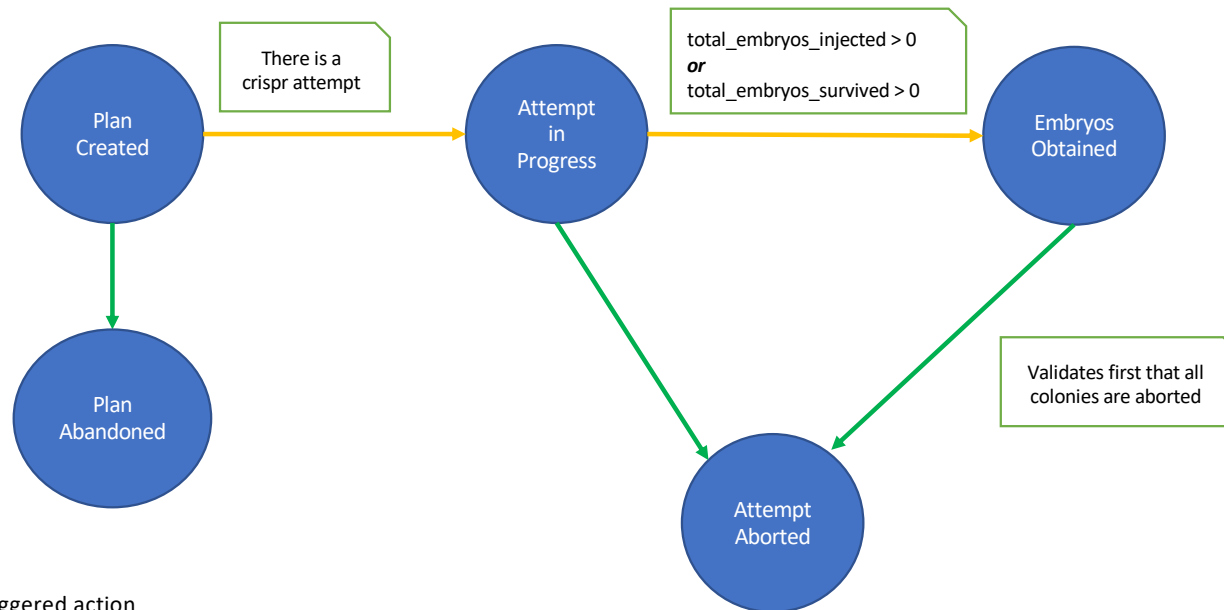- Pups

**Plan Created**

There is a crispr attempt

**Attempt in Progress**

total_embryos_injected > 0
*or*
total_embryos_survived > 0

**Embryos Obtained**

num_nhej_g0_mutants > 0
*or*
num_deletion_g0_mutants > 0
*or*
num_hr_g0_mutants > 0
*or*
num_hdr_g0_mutants > 0

**Founders Obtained**

**Plan Abandoned**

**Attempt Aborted**

Validates first that all colonies are aborted

— System triggered action
(automatic if conditions in data are met)
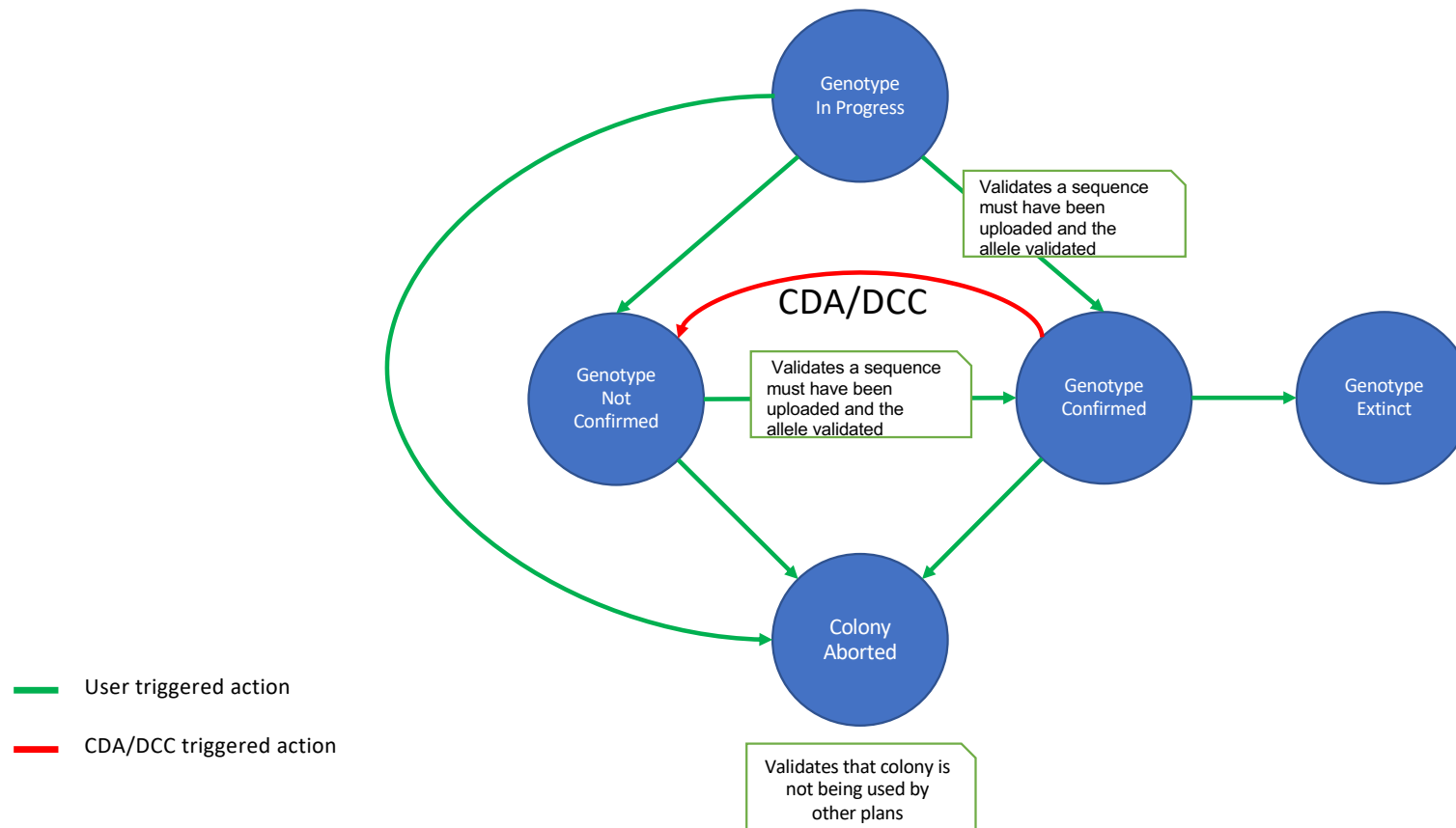
— User triggered action

1/26/21

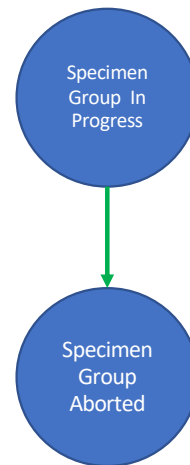# Transitions for a haplo-essential Crispr Production Plan

**Validation Rules:**
- Counts must not be negative
- Embryos survived cannot
  be larger than embryos injected
- Pups

There is a
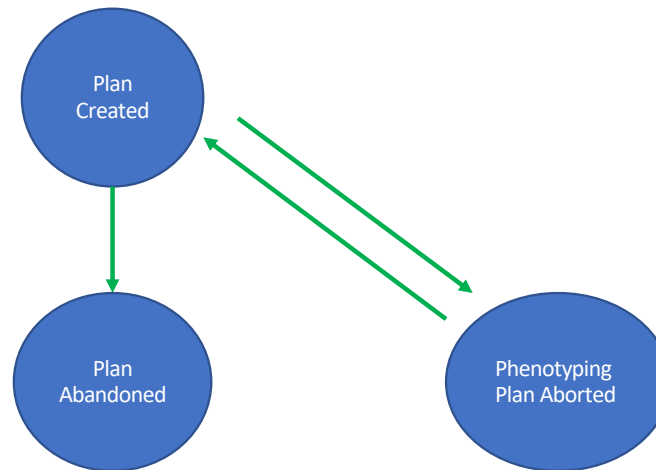crispr attempt

total_embryos_injected > 0
*or*
total_embryos_survived > 0

Plan
Created

Attempt
in
Progress

Embryos
Obtained

Plan
Abandoned

Validates first that all
colonies are aborted

Attempt
Aborted

System triggered action
(automatic if conditions in data are met)

User triggered action

1/26/21

# Transitions for a Colony



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# Transitions for a
# haplo-essential specimen group



Specimen Group In Progress

Specimen Group Aborted

—— User triggered action

1/26/21

# Transitions for a Phenotyping Plan



Plan
Created

Plan
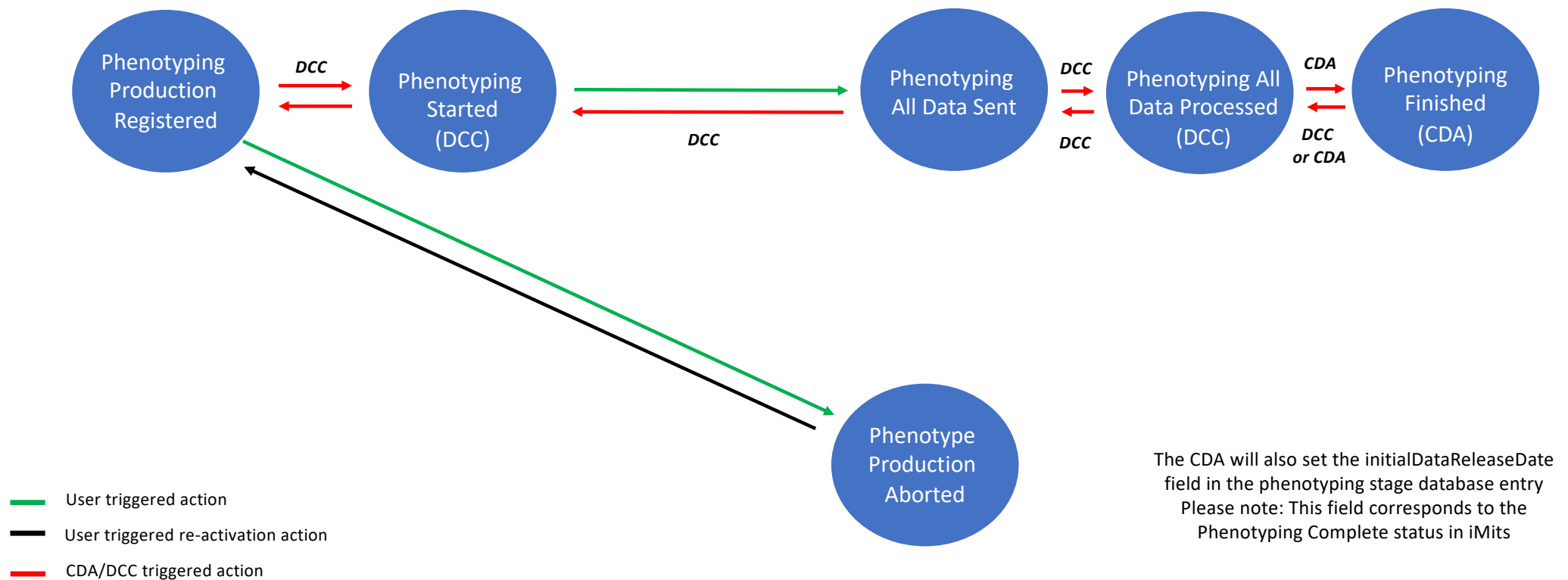Abandoned

Phenotyping
Plan Aborted

— User triggered action

1/26/21

# Early Adult And Embryo, and Late Adult Phenotyping StageTransitions



1/26/21
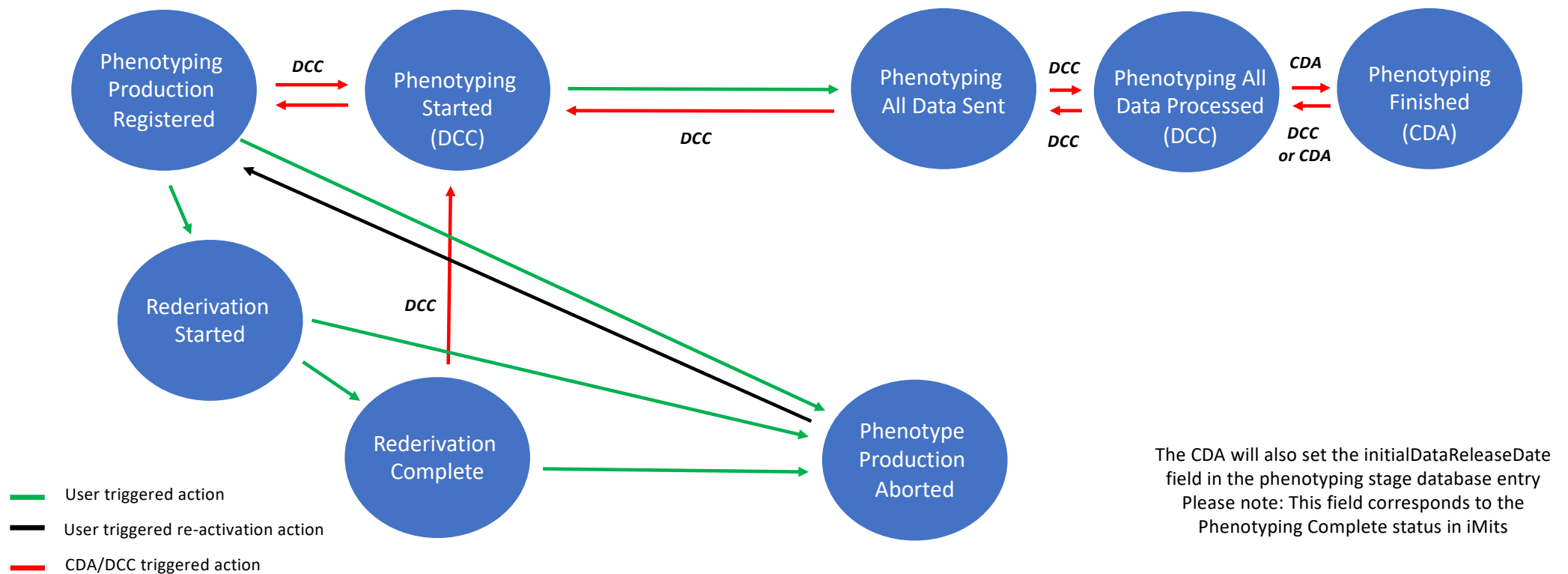
# Haplo-essential and Haplo-essential Embryo Phenotyping StageTransitions



The CDA will also set the initialDataReleaseDate field in the phenotyping stage database entry
Please note: This field corresponds to the Phenotyping Complete status in iMits

1/26/21

# States for a Project

- Assigned
- Inspect - Conflict
- Inspect - Attempt
- Inspect - GLT Mouse
- Inactive
- Abandoned (This will be added in the next phase)