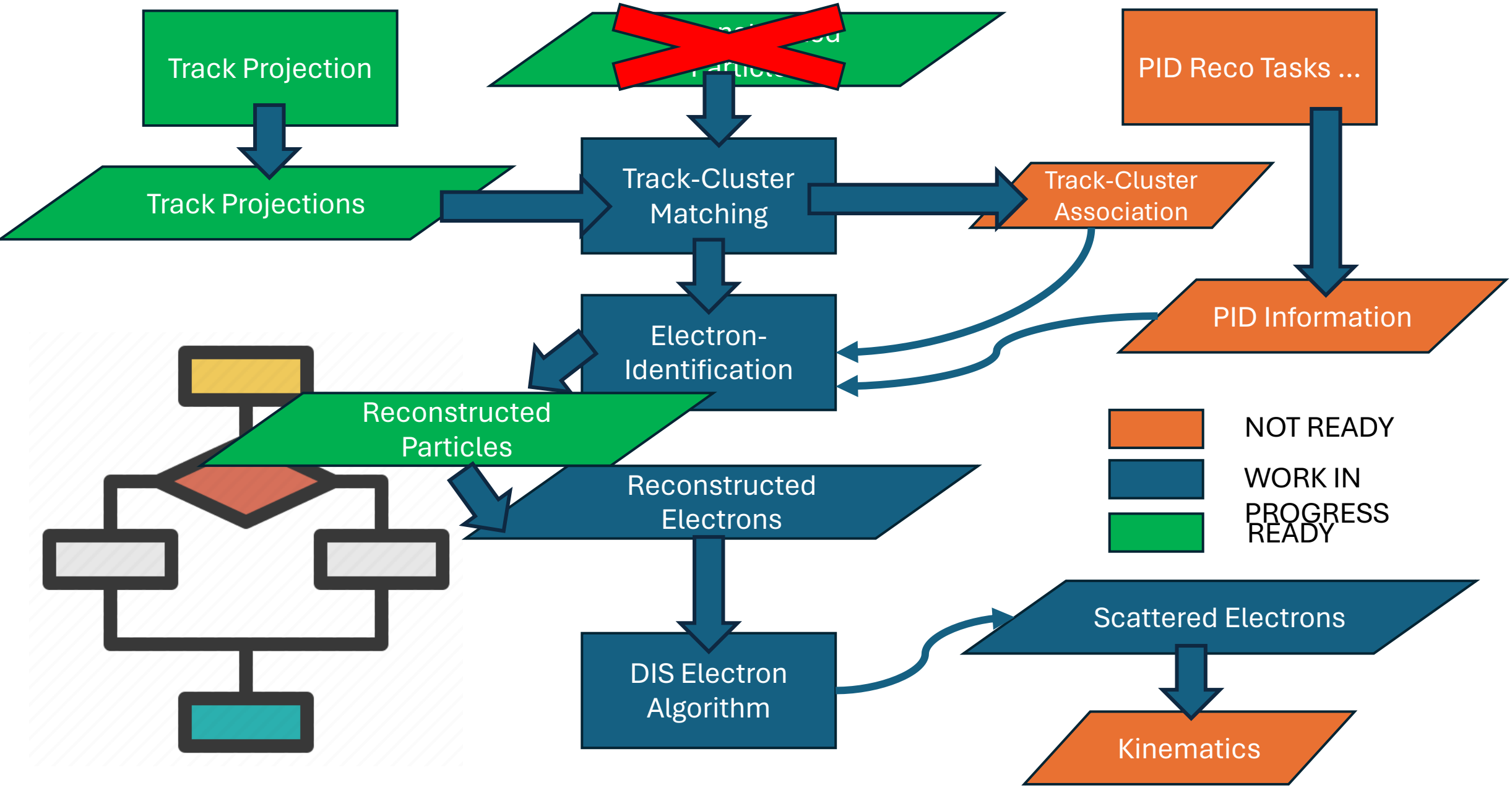
Electron Finder – March 26th

- Help closing open PRs (THANK YOU TRISTAN)
  - PR#1277 (eicrecon) Algorithms and factories for scattered electrons
  - PR#52 (edm4eic) Association between Reco Cluster and ReconstructedParticle
  - Thank you Wouter, Markus, Dmitry, Simon
- **Main goal for April campaign:**
  - ✓**Initial DIS electron finder algorithms (PR#1277)**
- Next steps
  - Immediate: Adapt ElectronReconstruction to use MatchClusters #1355
    - Update Scattered Electron Factories to use subsets, remove “HACK”
  - Start incorporating tracks into framework (electron ID, matching etc.)
    - See next slides
  - Volunteer for discussion on Tuesday Reco WG meeting


Track Projection
Track Projections
Track-Cluster Matching
Track-Cluster Association
PID Reco Tasks ...
PID Information
Electron-Identification
Reconstructed Particles
Reconstructed Electrons
DIS Electron Algorithm
Scattered Electrons
Kinematics
NOT READY
WORK IN PROGRESS
READY

TODO / Discussion

- Track Cluster matching
- Cluster positions for imaging calorimeter are all zero
- Discussion topics for Tuesday WG meeting