

## Workflows 1 and 3: Classical PSHA and Disaggregation

## Workflow 2: Event-based PSHA

## Workflow 4: scenario-based hazard

### Seismic Hazard Analysis Input

- Seismic sources logic tree
- Ground motion logic tree

Logic Trees  
Descriptions

### Logic Tree processor

Ground motion models

Ruptures generator

Classic Probabilistic Seismic  
Hazard calculator

or

Disaggregation calculator

Ground motion models

Ruptures generator

Stochastic event set  
calculator

Ground motion field  
calculator

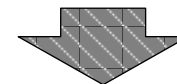
Event-based Probabilistic  
Seismic Hazard Calculator

Ground motion models

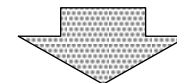
Single Rupture

Ground motion field  
calculator

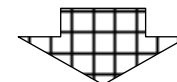
### Legend:



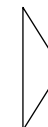
Seismic sources description



Set of ruptures



Set of ground motion fields



Output information used by  
the OQ-engine risk  
calculators