



# HOLISTIC BUILDING PERFORMANCE MODEL WITH SEMANTIC WEB TECHNOLOGIES

---

Ph.D. Candidate: Duygu Utkucu

Advisor: Prof. Rafael Sacks



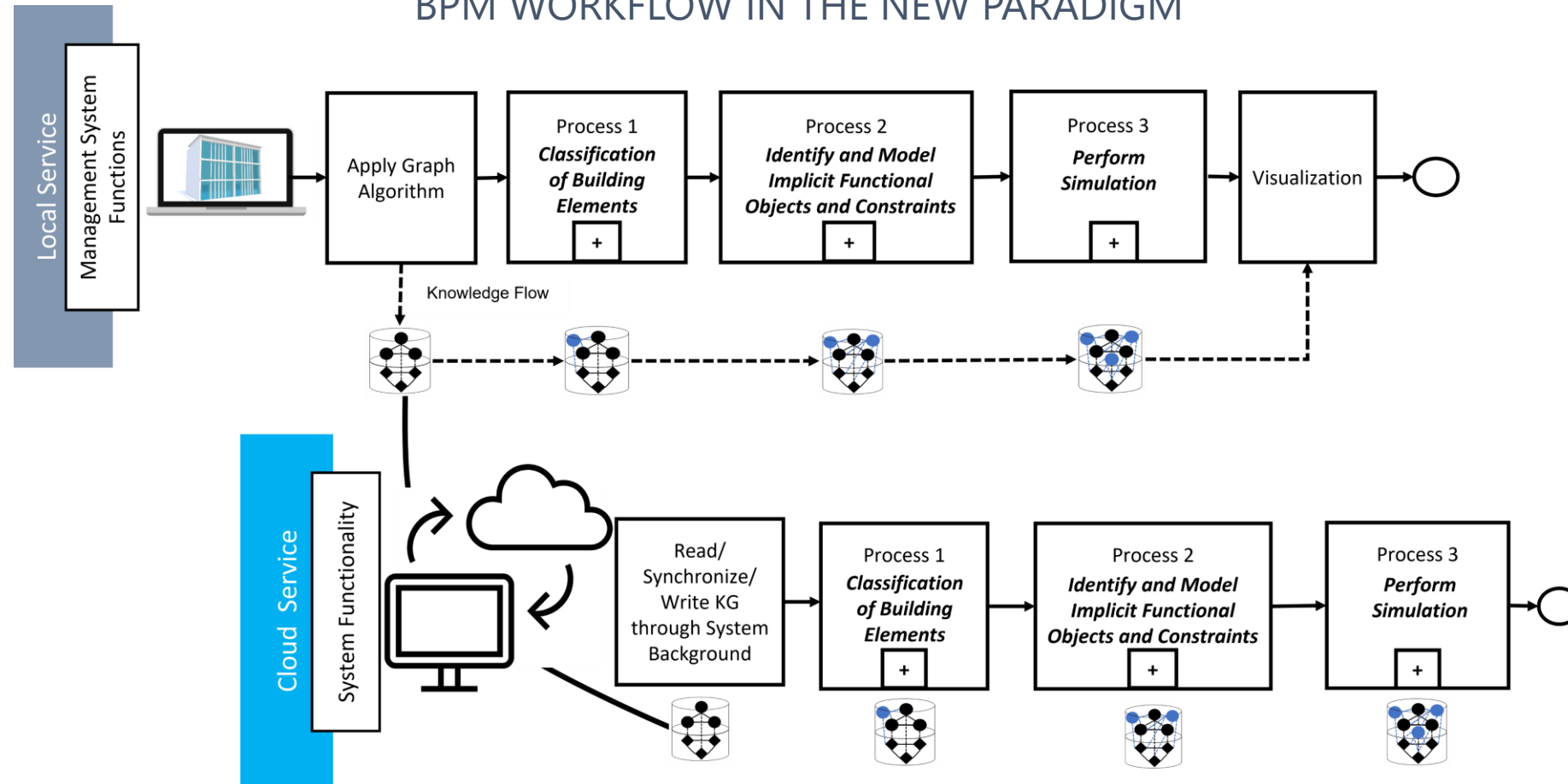
CBIM - European Training Network

---

Cloud-based Building Information  
Modelling

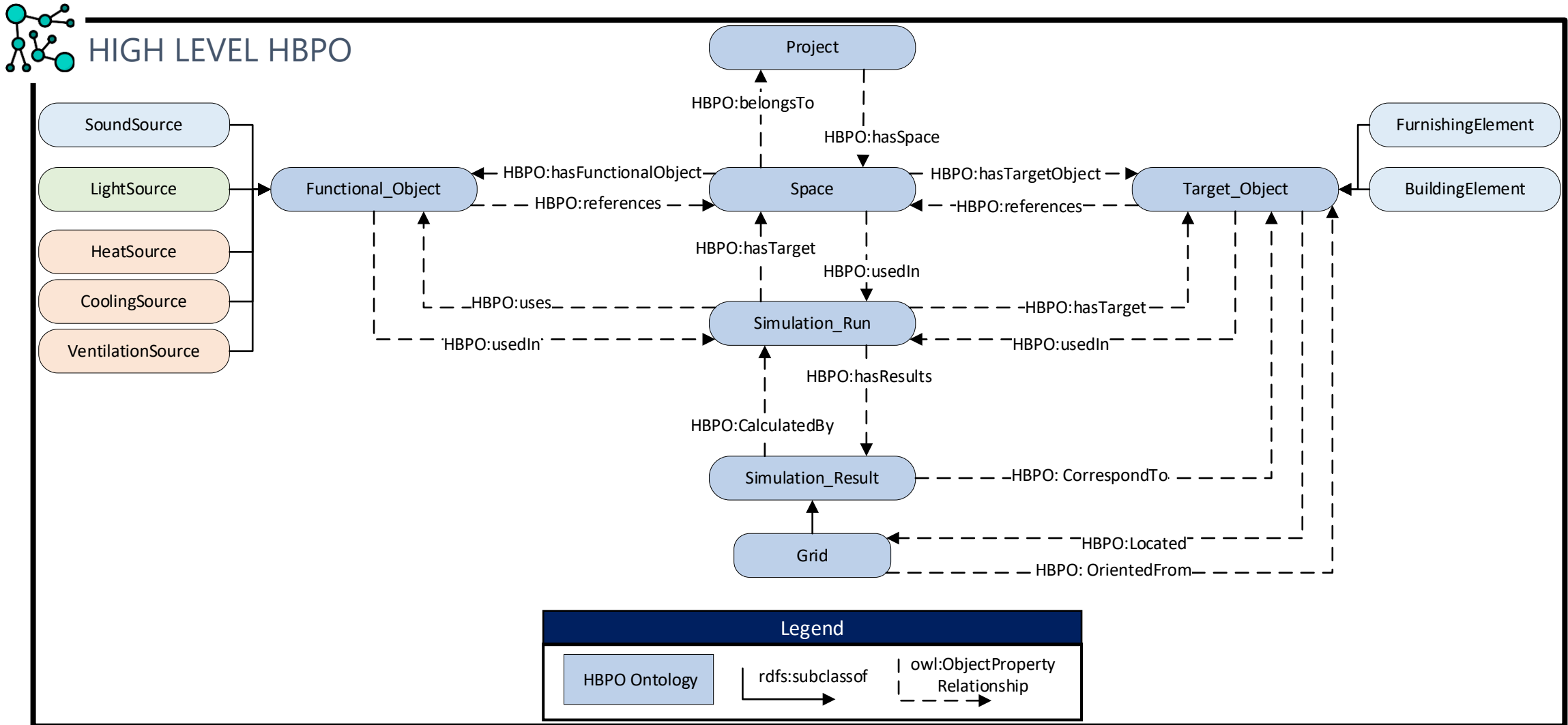
# FINALIZED ACTIVITY

## BPM WORKFLOW IN THE NEW PARADIGM

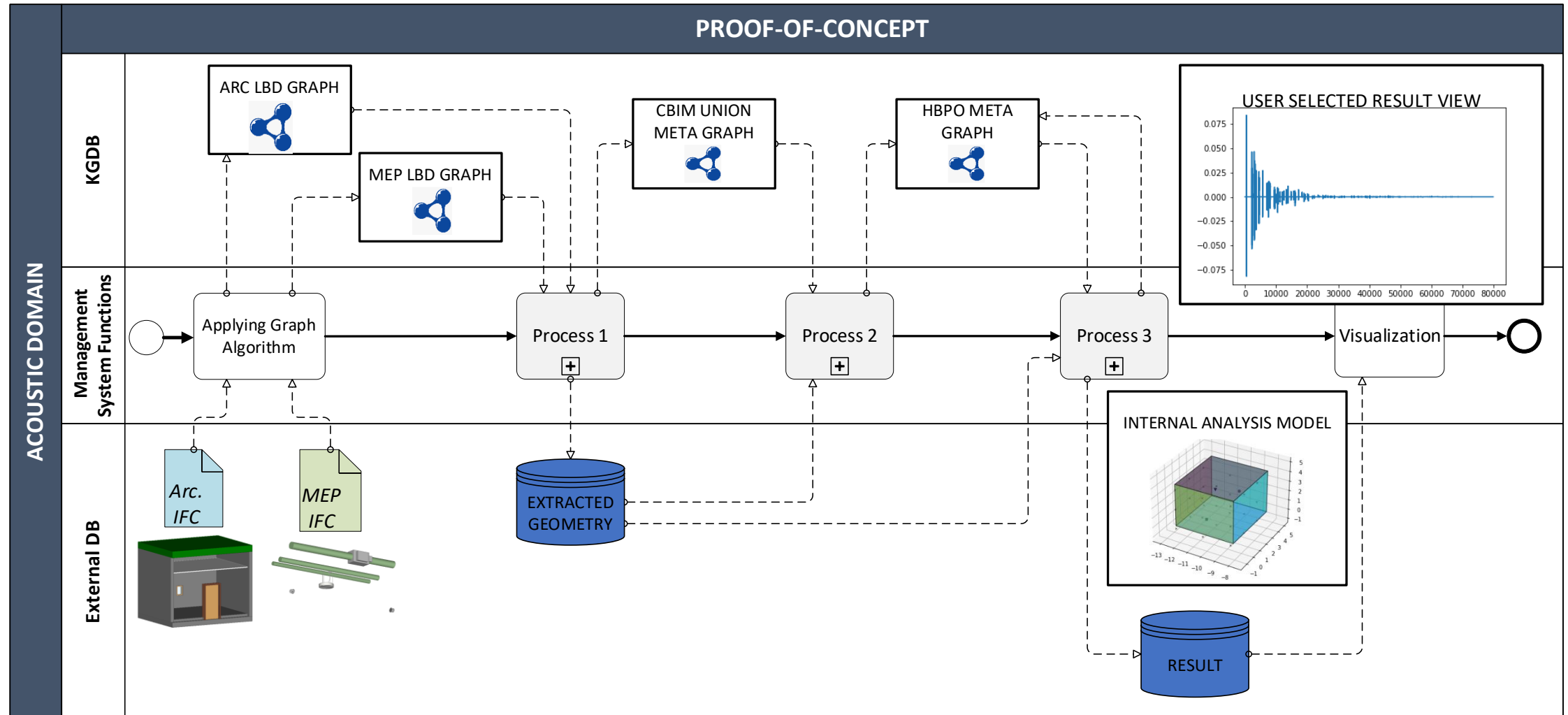


The BPM workflow in the novel paradigm suggests a holistic building performance ontology (HBPO) framework containing two semantic enrichment processes (Processes 1-2) in cloud-based and knowledge graph-driven databases and management systems.

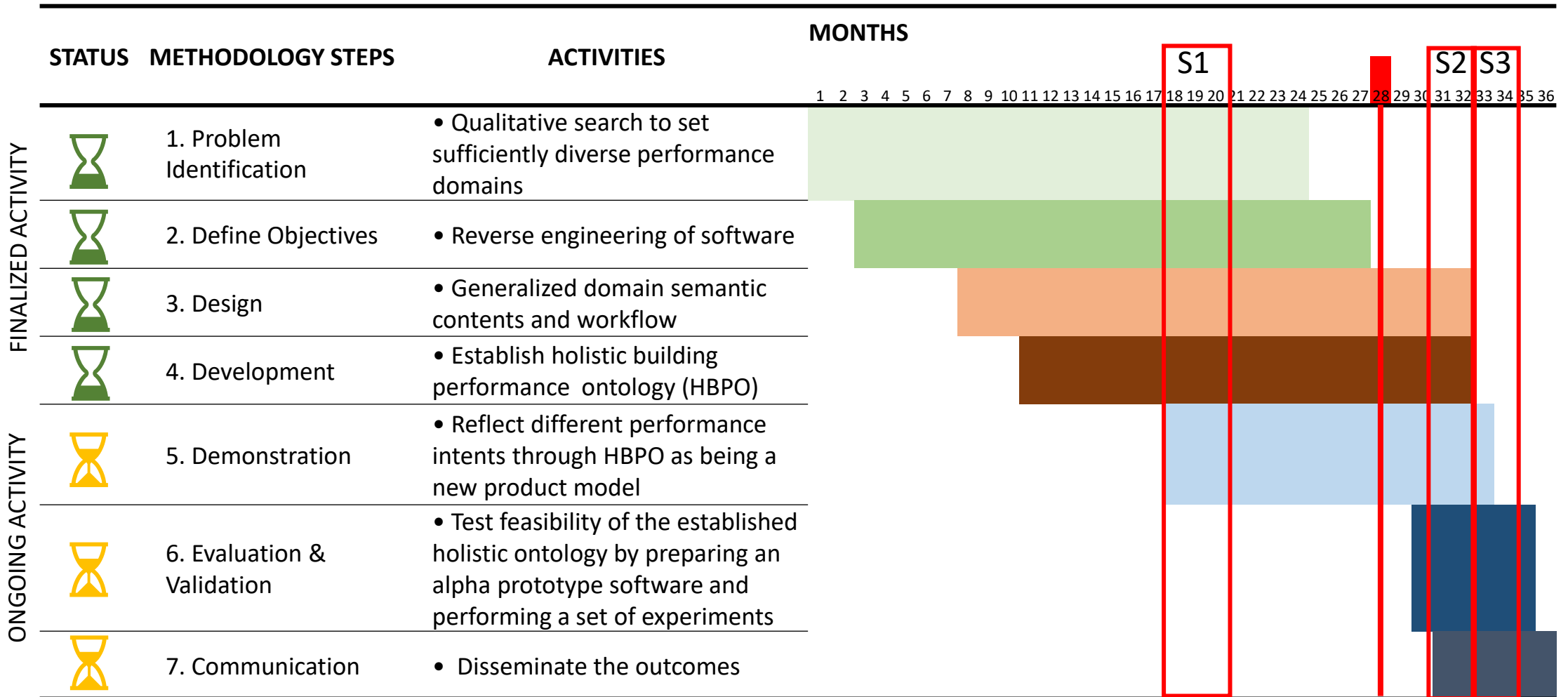
# FINALIZED ACTIVITY



# FINALIZED ACTIVITY



# RESEARCH PLAN & PROGRESS



S\* = Secondment

S1 at Cambridge, S2 at UCL, S3 at UCD