**Integration of social acceptance (WP2)**

* Giving users the freedom to choose their preferences:
  + preference of energy type (photovoltaic/wind/nuclear/gravitational/geothermal)
  + level of flexibility: choose between having a greater time flexibility - versus - minimising the cost (per kWh)
  + level of privacy: what kind of data can be visible from the Microgrid community?
* Implementation of some scenarios to reproduce individualistic human behaviours:
  + Tragedy of the common (all demands at the same time)
  + Free riding behaviour (10 % of users): for example, one prosumer

. launches its whishing machine during the peak.

. don’t provide energy to the microgrid - or not in an equitable manner.

* Change Digital Twin’s collective behaviour to reduce damage to the community:
  + reduce consumption during peak periods as fairly as possible
  + apply penalty to “fee riding” prosumers