**IASC-Gateway:**

1. General:
   1. Block diagram - TODO
2. Modules:
   1. GW\_rx\_manager:
      1. LoRa-RX API
      2. Selector
      3. Push file to lte\_pending when file finished.
   2. GW\_tx\_manager
      1. As long as lte\_pending not empty, i.e, there are still files on GW waiting to be transmitted - upload files LTE - API-AWS.
   3. GW\_statistics??
3. Flow:
4. Tests:
   1. EN\_generator - receives (sensor-file, en-id) generates LoRa-packets, and “transmits” them to the GW in a LoRa-bandwidth. With EGFF (EN-GW-File-Format – see IASC\_common.pdf).
   2. Simulation
   3. Real transmission GW2Cloud.