



First ELECON Workshop Towards Efficient European and Brazilian Electricity Markets

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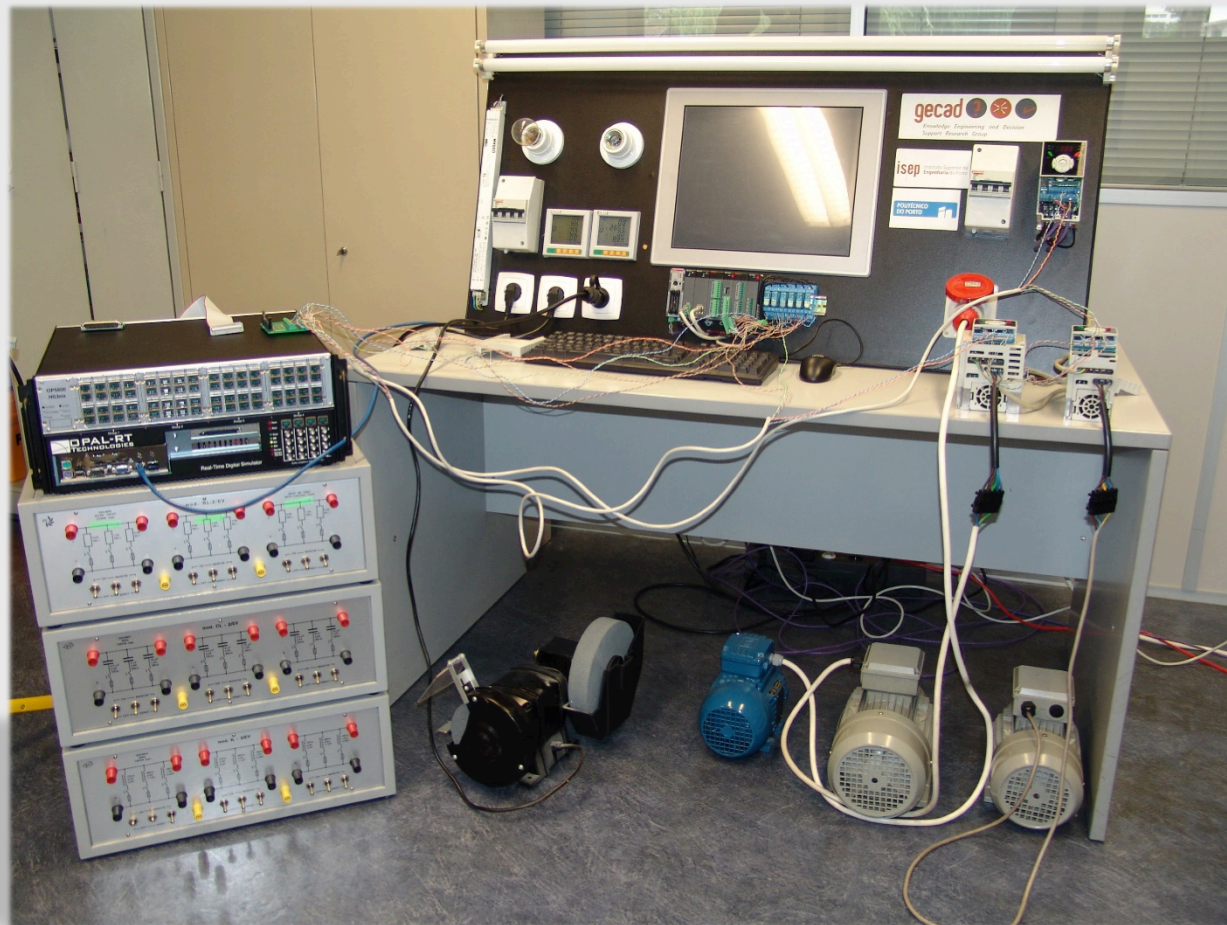
ISEP, Porto, Portugal
25th September 2013

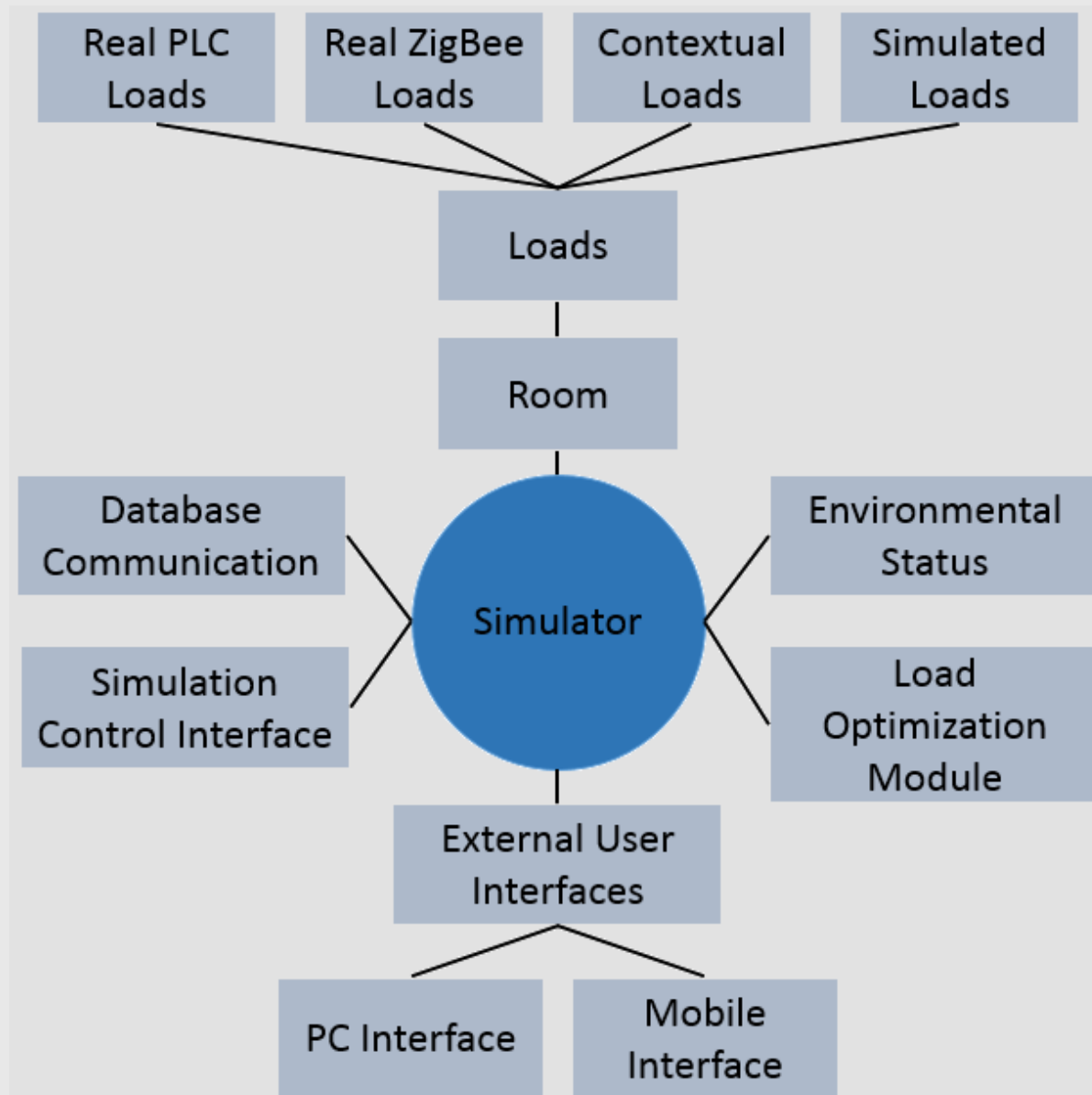




Smart Grid Test Bed Architecture and Platform

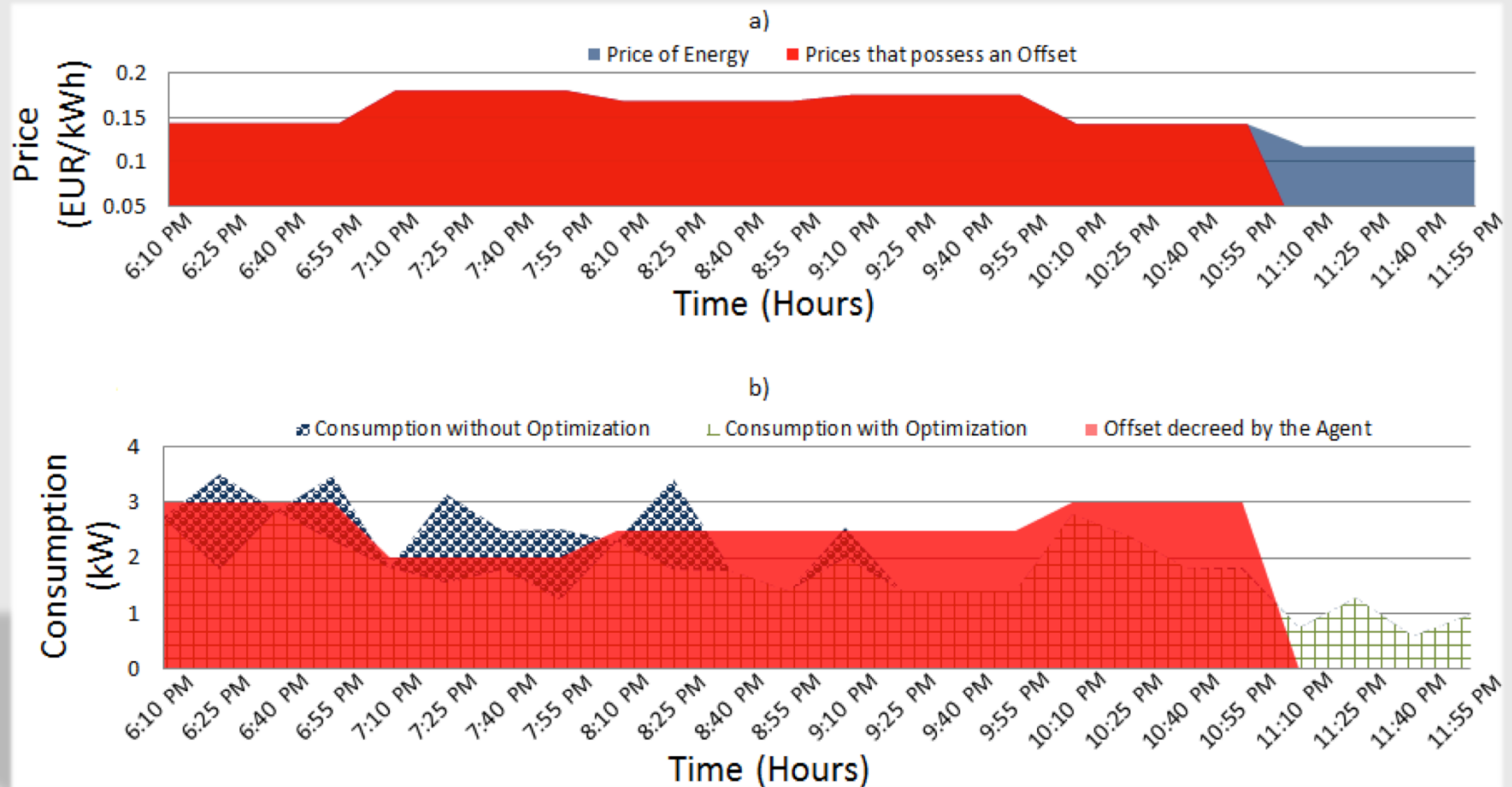
- **Physical Laboratory**
- **System Architecture**
- **Optimizations**
- **Real Time Price**
- **Continuous Optimization**
- **SHIM**

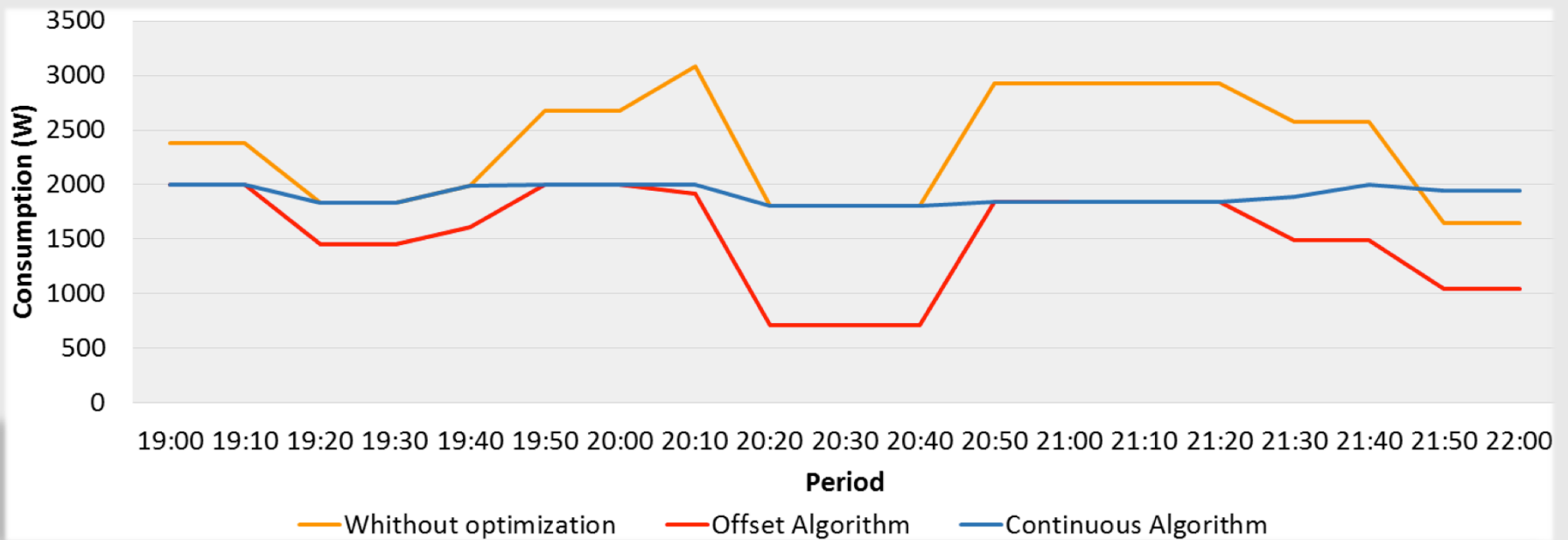


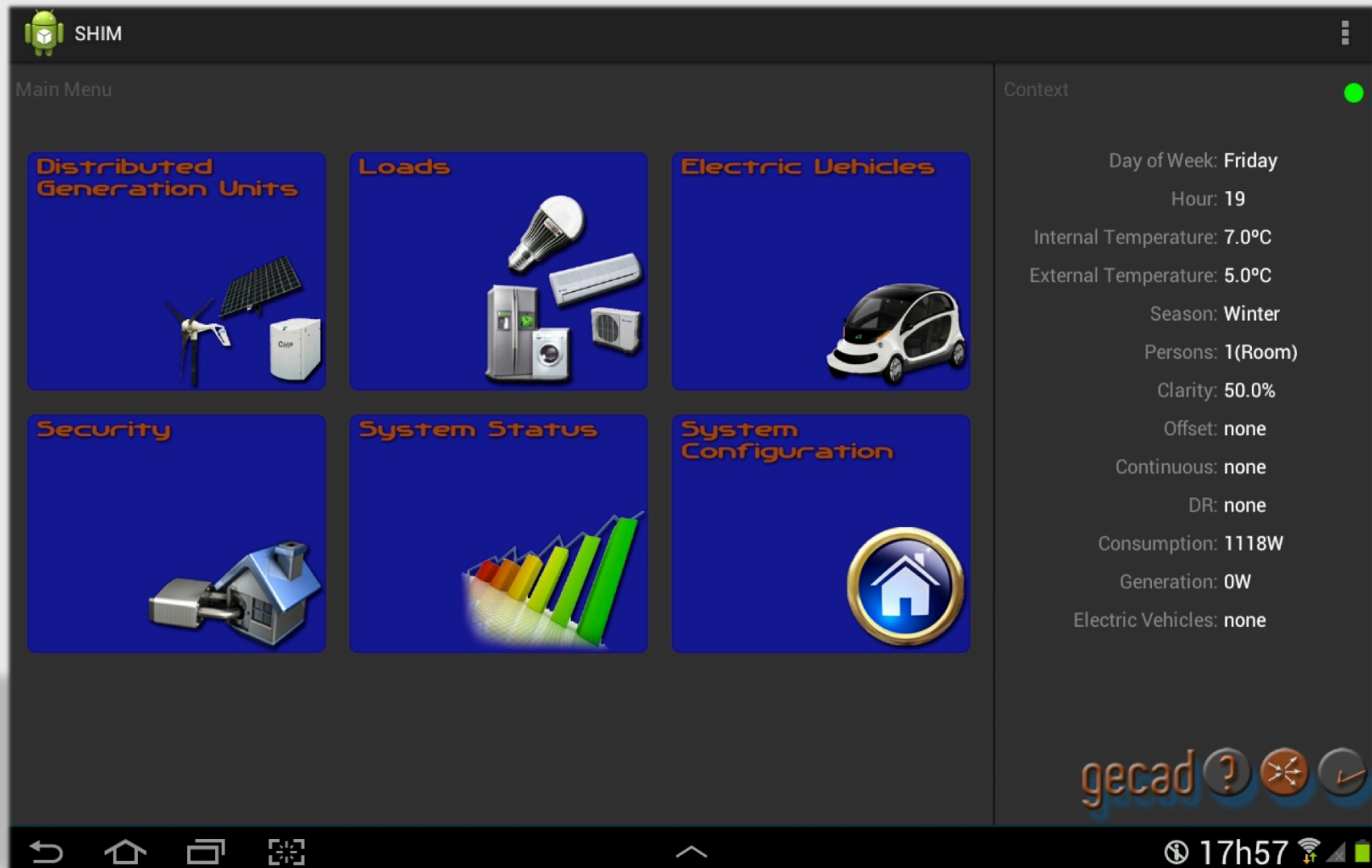


- **Instantaneous Optimization** – momentary optimization that only runs at a single instant;
- **Offset Optimization** – ongoing optimization that limits the consumptions according to the offset imposed;
- **Continuous Optimizations** – ongoing optimization that limits the consumption and can turn on loads that were previously turned off by the optimization process.

Real Time Price









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