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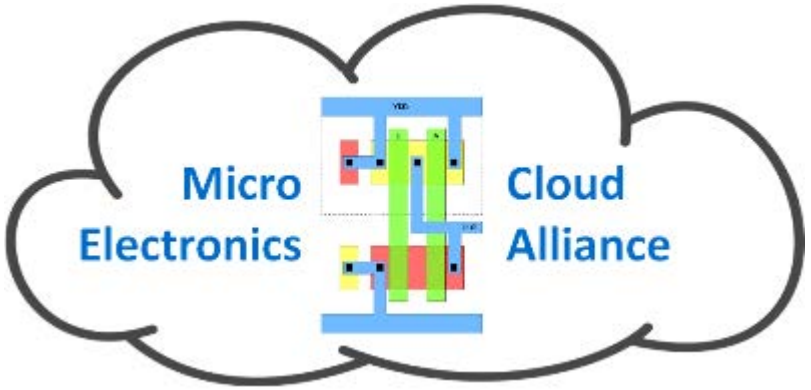
Tasks to the 2nd milestone

‘*Specification of the mCloud system*’

June – October 2016



Deadline: September 2016

- Feasibility of Cloud system
- Specification of clouds architectures
- Tests of mClouds in the first three institutions

- Syllabi of all courses
- Project Web page regularly updated with results and news and upcoming tasks
- Formative evaluation

Feasibility of Cloud systems

- System administrator from each university
- eWorks supporting
- Do we need some guidelines to be developed for the administrators?
- Available licenses at each university – not “cloud-able” ?
- Available hardware resources
- What is really necessary to be shared?
- Which software(s) to be shared?

Specification of Clouds Architectures

- Specification including:
  - the private Cloud of each academic institution and definition of the model to be implemented.
  - plans for interoperability, sharing the infrastructure;
  - scenario for deployment of WEB based e-learning applications;
  - scenario for sharing CAD tools between institutions;
  - scenario for sharing software tools for remote exercises on I-V characterisation of semiconductor devices, photovoltaic cells, and electronic materials.
- Direct users of this specification are the software experts of the consortium and system officers at the corresponding departments.
- Indirect but end users are all project targets.

E-Learning courses

- Template
- Moodle
  - SWAT analysis has proven that Moodle is the most convenient for MECA e-learning materials
- Virtual labs

Dissemination

- Regular update of the project Web page;
- Conferences (EADTU, other …);
- Presentations in each country and involvement of other users from other project consortiums.