



Universität  
Basel

## Upper Rhine Cluster for Sustainability Research



Template 2 for Kick-off meeting, Freiburg 07./08.10.2016



### Working Title (for joint project/thematic field of cooperation)/Axis2

Tri-national technical and economic study of micro-grids for self-consumption

### Sketch of content:

- Mathematical and economic modelling of the interaction between “Prosumer” and the grid
- Electrical signal measurements and data analysis with advanced techniques
- Elaboration of the better model issued from the three countries in order to improve self-consumption

### Next steps

- Workshop with committed members
- Visiting of experimental micro-girds :  
Ottmarsheim (Gnedis, France), Freiamt (Netze, Germany)

**Responsible person:** D.OULD ABDESLAM (UHA), P. WIRA (UHA)

### Members committed to working in the group

D. OULD ABDESLAM (UHA), P. WIRA (UHA), A. Ampofo (Uni Landau), C. Ortoif (Uni Freiburg), L. Reindl (Uni-Freiburg)