

Joint Research Initiative

“Access to Energy”



*Chaire Economie Industrielle de
l'Emergence en Afrique*



Initiative de Recherche Accès Universel à l'Énergie

9h00 : Accueil, Anna Créti, Jean-Pierre Ponssard, Ahmed Tritah

9h15, 10h00 : Interventions de Jean-Claude Barthelemy (Paris 1) et Moussa Blimpo (World-Bank)

10h15-11h00 : Présentations de partenaires (ADEME, AFD, ENGIE)

11h-11h30 : Présentations de quelques travaux en cours et les priorités de recherche

11h30-11h45: Synthèse et perspectives

Research scope & motivation

The two challenges of « Access to energy »

The economic challenge

1. High growth of the sector is necessary in decades to come to sustained current development dynamics
2. Structural transformation of the economy
3. No stand-alone solution due to a large share of rural/remote and poor populations

The sustainability challenge

1. High reliance on biomass and fossil fuel despite abundance of low carbon energy sources
2. New opportunities to leapfrog from “dirty-energy”
3. Risk of lock-in effects

Research agenda

Three complementary axes

- 1. What are the economic, behavioral, financial and regulatory barriers to access?**
 - a) Barriers in the supply side of energy
 - b) Barriers at the demand side : households and firms
- 2. How to leverage the development potential of energy?**
 - a) Transmission channels from energy to development (complementary policies, infrastructures and institutions)
 - b) Feedback from energy access to resources and emissions
- 3. Assessing the validity of business models, regulatory and public policies challenges**
 - a) global considerations: new cost-saving technologies, new international actors
 - b) local considerations: rural vs urban needs; segmentation of usage, financial capabilities

Open discussion

1. interaction on ongoing research and on other unidentified issues
2. internships, expertise from research fellow
3. Access to field data/field intervention: impact research, evidence based policy design
4. conferences, workshops, public events