



## **Partners' Day – EDF - Chair Prospective Modeling for sustainable development (MPDD)**

**6 novembre 2019 – 9h00-16h30 – EDF R&D – Saclay**

EDF Lab, 7 Boulevard Gaspard Monge, 91120 Palaiseau

### **Territorial dimension of the energy transition**

*8h30 Welcome*

**9h00 Introduction (Jean-Philippe Laurent, EDF)**

**9h15 – 10h30 - Session 1: Town and Country Planning - Presided by Nadia Maizi, Centre for Applied Mathematics, MINES ParisTech**

9h15 -9h35: Urban form, environmental policies and income inequality - Vincent Viguié, CIRED, Ecole des Ponts ParisTech

9h35 -9h55: Localization of areas with energy saving potential (Dunkirk): presentation of the REGES model and perspectives - Franck Nadaud, CIRED, CNRS & Fouzi Benkhelifa, Origins.earth

9h55 -10h15: Prospective exercise at the urban scale - Matthieu Denoux, Centre for Applied Mathematics, MINES ParisTech, in collaboration with the ANMA urban planning agency

Exchange time

*10h30-10h50 Break*

**10h50 – 12h25 - Session 2: Energy transition as seen from the regions - Chaired by Nadia Maïzi, Centre for Applied Mathematics, MINES ParisTech**

10h50-11h10 : Bertrand Lafolie (Service Manager, Hauts-de-France Region) (tbc)

11h10-11h30: CCS 3D demonstration project on steel plant in Dunkirk and development scenario (Fabrice Devaux, TOTAL)

11h30-11h50: Experience the Hauts-de-France (Eric Vidalenc, ADEME)

11h50-12h10: EDF PACA study (François Turbault, EDF R&D)

Exchange time

*12h25-14h00 : Lunch break*

**14h00 – 16h00 - Session 3: Challenges of the national/regional articulation - Chaired by Jean-Charles Hourcade, CIRED, CNRS-Ecole des Ponts ParisTech**

14h00-14h20: How is achieved the consistency between the SRADDETs and the French climate and energy policy? - Aude Charrier, Head of the Climate Policy and Mitigation Office, DGEC, & Louis Lallemand-Kirche, Deputy Head of the Office Energy Directorate, DGEC

14h20-14h50: What transformations of the territory to ensure an energy transition? - Carlos Andrade, Centre for Applied Mathematics, MINES ParisTech

Exchange time

15h00-15h20: Issues of scale reconciliation - Vincent Mazauric, SCHNEIDER ELECTRIC

15h20-15h40: Interregional global vision (synergy) and RTE transport network - Michel BENA, Deputy Director of R&D – RTE

15h40-16h00 : Regional development and energy transition: GRTgaz's vision for the Rhône / Mediterranean region - Karine Hyvernât, Deputy Territorial Delegate for the Rhône / Mediterranean region – GRTgaz

Exchange time

16h00-16h30 : Counterpoints by Nadia Maïzi (Centre for Applied Mathematics MINES ParisTech) and Jean Charles Hourcade (CIRED, CNRS-Ecole des Ponts ParisTech):Review of the links between prospective modelling and territorial strategies in the energy transition.

**Conclusion de la journée**

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