

GRTgaz Seminar - Chair MPDD 2016

Energy and the evolution of our lifestyles. The contributions of a prospective approach

Wednesday, December 14th, 2016 –
MINES ParisTech, 60 boulevard Saint Michel, Paris

Energy issues are an essential component of the sustainable development challenges, from energy security to climate change, through ever-changing lifestyles or aspirations for more favorable modes of production for local initiatives and a more balanced spatial planning. In public debates, these issues are sometimes formulated in the form of contradictory injunctions and place energy sector players in the challenge of making long-term decisions in what appears to be an ocean of uncertainty.

In this seminar we will try to show that it is possible, by using the prospective tools, to understand the mechanisms at work in the genesis of the possible futures and not to leave them at random pure rhetorical games. The Chair's work will show how prospective models provide a safeguard against 'visions of the future' deployed without internal coherence constraints and a guide for public deliberation and decision-making. business. It will address the link between energy and lifestyle, the specific role of different energies including gas given the changing uses and economic and political determinants of the future of the sector.

Program

Introduction

Welcome from Vincent Laflèche, Director of MINES ParisTech

Nadia Maïzi, CMA - MINES ParisTech: Presentation of the agenda

Thierry Trouvé, GRTgaz: GRTgaz prospective, what role for gas in future energy systems?

Which is the role of different energies in the future?

Moderator: David Ascher, Publications Director, Actu-Environment

Nadia Maïzi, CMA, MINES ParisTech

For a prospective climate energy: approach stakes and contributions of the Chair

Jean Charles Hourcade, CIRED, PONTS ParisTech

Understanding the present and the future of energy prices: between geopolitics, inertia and technological breakthroughs, climate policies, social policies and macro-finance

Ariane Millot, Thomas Le Gallic, Remy Doudard, CMA, Mines ParisTech

To draw a France zero emissions in 2072 or the search for virtuous combinations between the place of the energies, the uses, the solutions of flexibility and the ways of life

Discussion : 15 minutes

Chair's round table of the MPDD Chair

Moderator: David Ascher, Publications Director, Actu-Environment

Philippe Madiec, Strategy Director of GRTgaz

Pascal Brosset, Senior Vice President, Strategy and Technology, Schneider Electric

Anne Varet, Director, Research and Prospective, Ademe

Antonin Vergez, Project Manager at the DGEC, MEEM

Alain Burtin, Director of EDF R & D Energy Management Programs

The use of scenarios in the prospective approach: What to remember from the France 2072 exercise? How to articulate in the company strategies scientific works and internal expertise? And in the public sphere?

Discussion: 15 minutes