

## **Minutes of the fourth meeting of the Advisory Group on Energy Roadmap 2050, Brussels, 12 December 2011**

**Advisory Group participants:** D. Helm (Chair), W. Kröger, G. Luciani, E. Toczyłowski, A. Mogren.

**Special guests:** L. Cozzi (representing F. Birol), P. Frisvold (representing F. Hauge).

**Commission:** P. Lowe, T. Constantinescu, M. Wörsdörfer, M. Westrup, B. Sellier, L. Van Driessche.

### **1. Opening remarks, Dieter Helm (Chair)**

The Chair welcomed the participants and thanked the group for the constructive cooperation in finalising the group's report. He also recalled that all members of the group had accepted the final version of the report, and that in addition to the report itself also the minutes of the meetings will be made publically available once the Energy Roadmap 2050 (the roadmap) is adopted.

### **2. Presentation of the Energy Roadmap 2050 and planned communication activities, Philip Lowe (European Commission)**

Mr. Lowe thanked the members for their presence and stressed that the contributions from the group had been most useful for the preparations of the roadmap, among other inputs. He thereafter presented the main elements of the Commission's draft roadmap and underlined that the Commission wishes that it will instigate a vital iterative discussion with all stakeholders. He also underlined that the analysis shows that a broad range of approaches to the transition of the energy system can deliver on our objectives if certain conditions are fulfilled. In relation to the follow up of the roadmap, Mr. Lowe indicated that we need concrete milestones and that the discussion on the framework for 2030 should be the next step.

As regards the planned communication activities, Mr. Lowe announced that adoption of the Communication is scheduled for 15 December, which will be followed by a press conference with Commissioner Oettinger. He also mentioned that a conference on the roadmap will be organized by the Commission and the Danish Presidency in the beginning of February. He underlined that all members of the group will be invited to this conference.

### **3 Tour de table**

Following Mr. Lowe's presentation, members exchanged views on the roadmap in the light of the group's report. Members acknowledged that most of their recommendations had been considered and they were generally positive towards the content of the roadmap and considered it to be balanced and well written. It was also acknowledged that the roadmap was well in line with the IEA's work. Some members stated that they would have appreciated more details on fiscal implications; uncertainties associated to long term analysis; costs in

comparison to savings; the implications for specific Member States and external relations; and the concrete role of the various policy tools available to make the transition happen.

On the more general level, the group also discussed the future direction and volatility of fossil fuel prices and the long term availability of such fuels; the importance of the roadmap amid slow progress on the international level; the potential necessity of comparing decarbonising scenarios with a hypothetical discontinuation of the EU's decarbonisation efforts; the need to consider a new market design for electricity as renewable generation increases in importance; and the future contribution from energy efficiency.

#### **4 AOB**

Mr. Lowe reiterated that the adoption of the roadmap is not the end of the process, and suggested therefore that at least one more meeting of the group should be organised during 2012.

#### **5. Conclusion**

Mr. Helm and Mr. Lowe in turn thanked the Members of the group and the Commission for the constructive work carried out, after which the meeting was adjourned.

[Signed]

Marten Westrup

(DG Energy, Unit A.1)