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**Common position of members of *Cercle de l'Industrie* on the European Commission's  
consultation on Energy Roadmap 2050**

**IDENTIFICATION**

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register number of the interest group from  
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60974102057-03

## Questions

1. ***How can the credibility of work on the transition to a low-carbon energy system in 2050 be ensured?(for example regular updating of projections using energy system models, focus on developments in technologies, level of expertise needed in each sector,...) (from 1 to 500 characters)***

*Cercle de l'Industrie* reiterates its commitment to further collaboration with the European Commission on how to define an effective European energy policy. *Cercle de l'Industrie* urges the Commission to systematically conduct studies assessing the impact of proposed measures/policies on the external competitiveness of European industry. Furthermore, the definition and the implementation of the transition to a low-carbon energy system require a closer and more regular cooperation with industry.

2. ***Looking forward, EU energy policy may be increasingly influenced by developments in global energy supply and demand, international cooperation on climate and initiatives taken outside the EU. Which developments should be considered in the Energy Roadmap 2050? On which do you think a stronger EU line is necessary? (Pick three most important ones)***

~~Further development of an international framework for cooperation on climate~~

~~Take-up by other countries of EU model for action on climate change~~

✓ Further development of international standards, trade and investment frameworks

✓ Global energy efficiency and demand developments

~~Global nuclear renaissance~~

~~Global development of renewable energy~~

~~Global development of carbon capture and storage (CCS)~~

✓ Price developments in global fossil fuel markets

~~Development of energy resources in neighbouring countries and infrastructures linking them with the EU market~~

~~Other (please specify)~~

***Which other developments should be considered? (maximum 100 characters)***

*Cercle de l'Industrie* considers that the EU should keep security of EU energy supply as its primary objective.

**3. What societal challenges and opportunities do you think are likely in Europe over the next decades as a result of changes in the EU and global energy system? On which ones do you think a stronger EU line is needed? (Pick three most important ones)**

~~Economic and employment gains in some parts of the energy sector, in some parts of the EU, losses in others~~

- ✓ Increased importance of access to high-performance energy infrastructures (eg smart meters and grids)

~~Increased reliance on electricity~~

~~Creation of sustainable and publicly acceptable energy sources~~

- ✓ Public acceptance of new infrastructures needed for the EU market (eg large storage technologies, pan-European grid)

~~Increased scope for decentralised power generation and for local, integrated solutions for meeting energy, waste management and other needs of communities~~

- ✓ Public acceptance of need for increased energy efficiency

~~Changed patterns of disruptions in energy supplies, both fossil and electricity~~

~~Increases in energy prices and energy poverty~~

~~Moving of energy intensive industry to other parts of the world~~

~~Other (please specify)~~

***Which other societal challenges and opportunities? (maximum 100 characters)***

*Cercle de l'Industrie* urges the EU to take into account climate policies' impact on industry's competitiveness.

4. *The EU's approach to energy policy is founded on regulation and an internal energy market providing competition, innovation, energy efficiency and development of resources including renewables, environmental sustainability, energy security and solidarity, and effective relations with external partners. Which are the main areas which you think might need further policy development at EU level, in a 2050 perspective? Please specify what you think is needed, references to supporting analyses welcome. (Pick three most important ones)*

~~Competition~~

~~Carbon pricing~~

~~Internalization of other external costs~~

✓ RTD, innovation

~~Energy efficiency~~

~~Transport policy~~

~~Renewables~~

~~Financing~~

✓ Energy security

~~Solidarity~~

✓ Development of infrastructures

~~Effective relations with external partners~~

~~Support for management of transition to affected regions, industries~~

~~Other (please specify)~~

***Which other main areas? (100 characters)***

No information to provide.

**5. Which milestones would you see as most useful to specify at this stage for the transition to a low-carbon energy system in Europe? References to supporting analyses welcome. (maximum 2000 characters)?**

*Cercle de l'Industrie* issued a report: “the green economy and the role of industries in green growth” prepared by three economists in June 2010 (to be found on *Cercle de l'Industrie*'s website<sup>1</sup>). The economists concluded that the growth potential of the green economy is uncertain. Indeed, it is difficult to define which activities should be classified as part of a green economy and economic data on the green economy's potential is lacking. In this context, any future growth or losses triggered by greening the economy are unpredictable for industry.

*Cercle de l'Industrie* invites the European Commission to collect data and build up a realistic model in order to identify any potential growth linked to a green economy.

At the moment, members of *Cercle de l'Industrie* are contributing to a new report which will analyse companies' development of green activities in different sectors (such as biofuels, smartgrids, carbon capture and storage, green chemistry, eco construction, green services). *Cercle de l'Industrie* will share the result of this second report with the European Commission.

**6. What are the most likely key drivers for the future energy mix in the EU? (Pick three most important ones)?**

- ~~Global fossil fuel prices, compared to costs of domestic energy resources~~
- ✓ Long term security of supply
- ~~Public subsidy~~
- ~~Expectations about short-term security of supply~~
- ✓ Political decisions by Member States
- ✓ Gradual integration of internal energy market
- ~~International framework for cooperation on climate~~
- ~~EU climate policy~~
- ~~Public acceptance of new energy technologies and the related infrastructures~~
- ~~Other (please specify)~~

**Which other key drivers? (compulsory) (maximum 100 characters)**

A deeper coordination on energy issues between Member States decisions and the European Union legislation is necessary.

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<sup>1</sup> <http://www.cercleindustrie.eu/index.php/en/study-green-economy>

**7. Do you have additional suggestions or more specific thoughts on the Energy Roadmap 2050? (maximum 2000 characters)**

*Cercle de l'Industrie* invites the European Union to adopt an “Energy Roadmap 2050” as the cornerstone of an ambitious European energy policy bringing together security of energy supply, competitiveness for European industry and sustainability. Developing energy infrastructures and networks as well as promoting energy efficiency are desirable in this respect. Financial support to innovation in green technologies must also be fully encouraged, including the demonstration of those technologies already developed that are not yet commercially viable. The EU must deliver on the commitment of the 4 February European Council to implement the Strategic Energy Technology (SET) Plan, and the 2014-20 EU Budget must provide adequate support for this.

*Cercle de l'Industrie* strongly supports a transition to a low carbon economy. Already in the past, and still nowadays, European industry substantially contributes to energy efficiency by reducing its energy consumption. Nevertheless, *Cercle de l'Industrie* urges the Commission to ensure the compatibility of transitional measures towards a low carbon economy with the broader imperative of European industry’s external competitiveness.

Finally, *Cercle de l'Industrie* also recommends the European Union to ensure predictability of European legislations adopted to reach objectives of the Roadmap 2050. As well as effective transposition and implementation of the European *acquis* by member states Legislative stability is the best incentive for European companies’ innovation in green activities.

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