

# Belgium

IYNC2016, July 24 2016, Hangzhou, China



**Nicolas Anciaux**

Belgian Nuclear Society – Young Generation Network



# Basic Facts – Belgium

- 90 members
- 21 core-members
- Mother Society: Belgian Nuclear Society (BNS)



# Nuclear Outlook – Belgium

## Commercial Fleet

- Operated by Electrabel
- 2 sites: Doel (4 reactors) and Tihange (3 reactors)
- All PWR technology

## Current Situation

- 10-year extension for older reactors:  
Tihange 1, Doel 1 & 2 (2025)

## Research

- Reactor Facilities in Mol (BR1, BR2, Guinevere)
- Radio-isotope production / processing in Fleurus
- Waste Storage projects in Dessel
- Mox Fuel Fabrication plant in decommissioning



# Activities – Belgium

- November 2015: Visit to ISPRA in Italy
- February 25 2016: BNS Scientific contest
- May 12 2016: BNS-YG Evening Lecture
- September 12 2016: Visit of IBA
- October 26 2016: Visit of SCK-CEN (BR2 + other facility)
- October 27 2016: BR2 Workshop, Mol



# Public Opinion– Belgium

At the end of 2011 an industry-commissioned pol showed that

- 58% of Belgians favored keeping nuclear power but 62% wanted to reduce its share in the mix (from more than half).
- Some 69% thought it would be difficult to replace the nuclear share and 74% recognized that electricity prices would rise if nuclear was phased out.



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