



How to communicate with the public on nuclear activities: Belgian good practices

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Belgian examples

**Need to
communicate**

Why do you need to communicate?

**Nuclear
Operators**

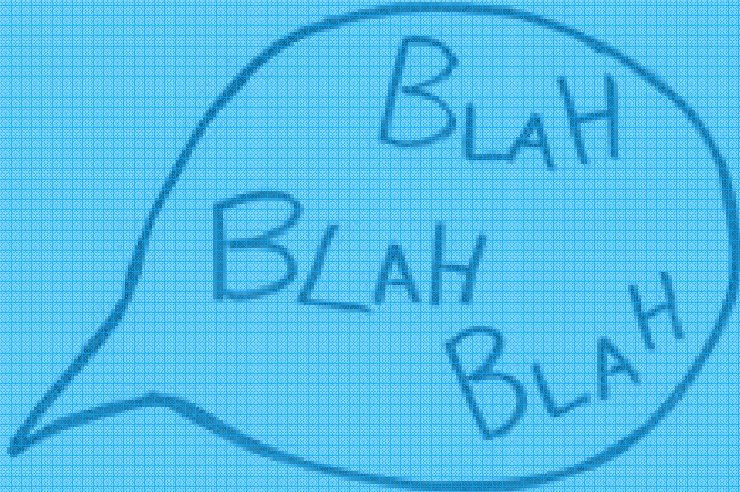
At the existing nuclear power plant sites

Nuclear Forum

By the Belgian Nuclear Forum

New Builds

In the framework of new projects.



NEED TO COMMUNICATE
Why do you need to communicate?

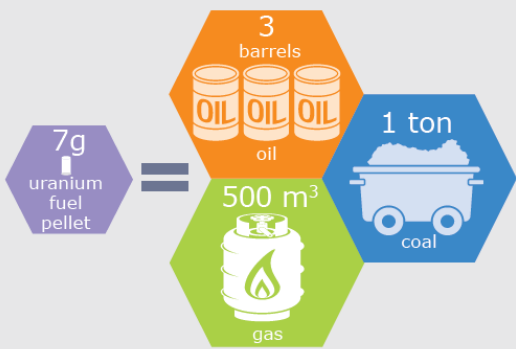


The reason...

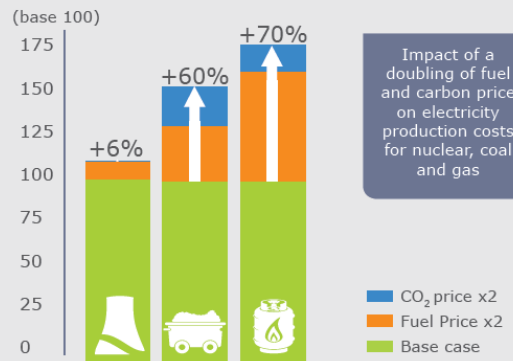
Nuclear energy is produced by harnessing abundant natural resources from stable countries

Nuclear energy provides an independent source of energy at a stable price

Quantity of fuel necessary to produce a given amount of electricity



The cost of nuclear power is less vulnerable to fuel price fluctuations



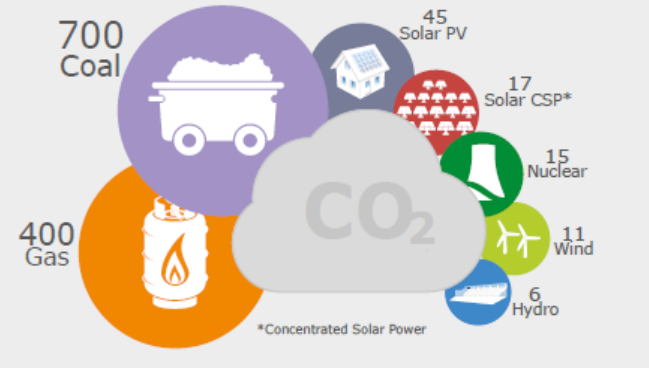
Identified resources of uranium are sufficient to support continued use and significant growth of nuclear for well over 120 years

The amount of emissions of CO₂eq that nuclear avoids is almost equivalent to that from road transport in France, Germany, UK, Italy, Spain and Poland.



Nuclear energy contributes to the fight against climate change by avoiding CO₂ emissions

Comparison of greenhouse gas emissions CO₂ eq/kWh



The risks...





NUCLEAR OPERATORS

At the existing nuclear power plant sites

ENGIE

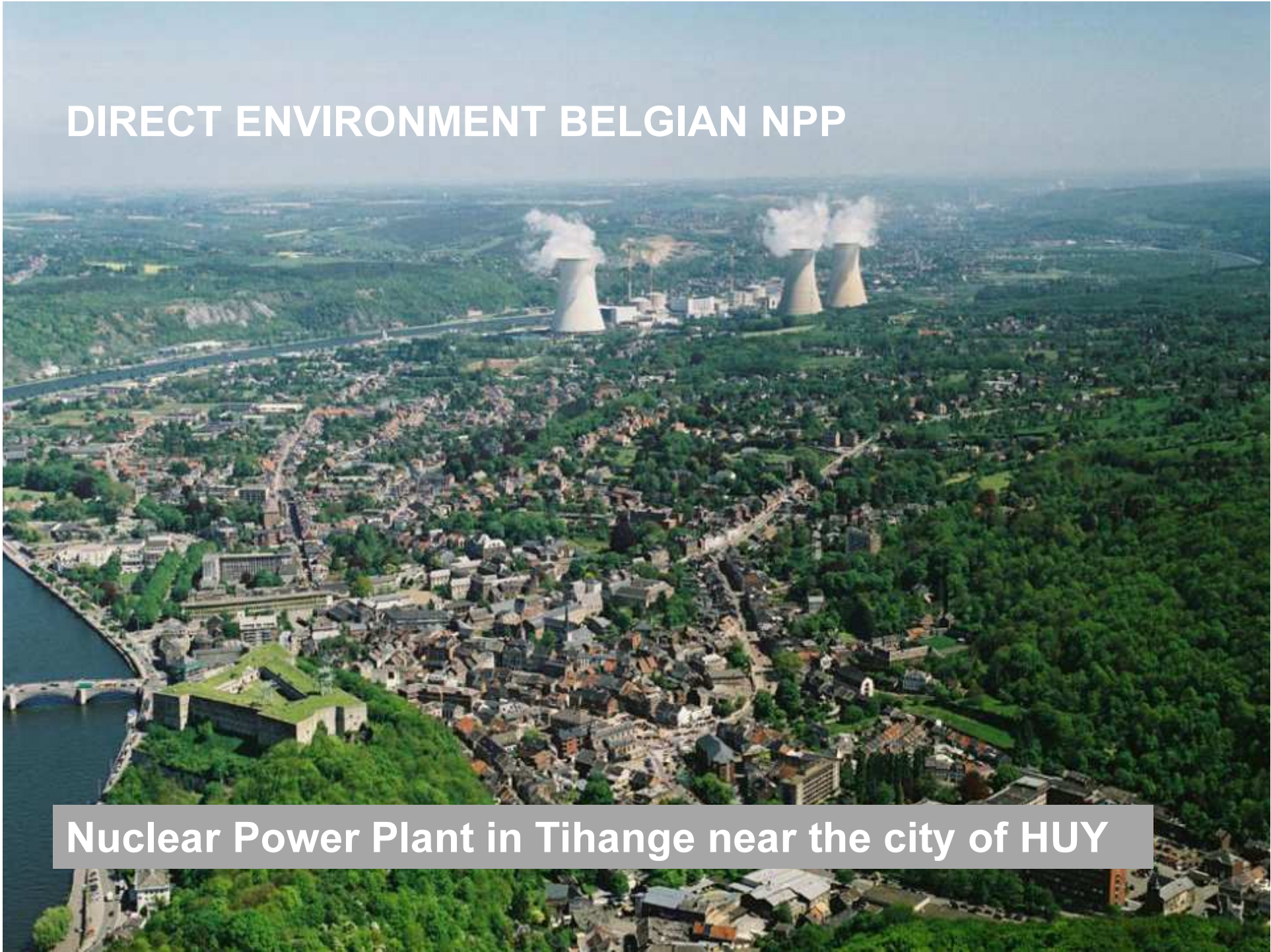


DIRECT ENVIRONMENT BELGIAN NPP

Nuclear Power Plant in Doel in the Antwerp Harbour

DIRECT ENVIRONMENT BELGIAN NPP

Nuclear Power Plant in Tihange near the city of HUY



Local Resident's Committee and environment consultation



The local residents' committee was set up in **1998** in Doel and in **2007** in Tihange with a view to **reinforcing the links between local people and the power plant..**

The Doel nuclear power plant has also set up a process of **environmental consultation** with representatives of various nature protection associations (Natuurpunt, Het Zeeuwse Landschap, Benegora, etc.) and the public authorities.

Magazines published by the nuclear operator



- **Quarterly magazine** that provides information about the activities of the power plant and the leading role of staff in this area, as well as giving tips on matters such as the rational use of energy.
- **Doelbewust** delivered to **60,000 addresses** in communes around the Doel NPP .
- **Tihange Contact** delivered to **47,000 addresses** in communes around the Tihange NPP

Environmental statements to communicate the facts



Inviting people to discover nuclear power plants



- **The Doel power plant**

The Doel power plant has an **information center** where anyone in search of information or documentation is **welcome**. It also houses a **permanent exhibition** on nuclear energy.

- **The Tihange Power Plant**

The Tihange power plant houses a permanent exhibition on nuclear energy which is only accessible in the frame of a guided tour on the plant.

Nuclear for Climate

Pourquoi l'énergie nucléaire fait partie de la solution pour lutter efficacement contre le changement climatique ? Découvrez notre dossier et des infographies.

VOIR NOTRE DOSSIER

Belgian Nuclear Forum

ENGIE





00:52



Main members of the Belgian Nuclear Forum



STUDIECENTRUM VOOR KERNENERGIE
CENTRE D'ÉTUDE DE L'ÉNERGIE NUCLÉAIRE



Westinghouse



Electrabel
GDF SUEZ



Tractebel Engineering
SUEZ

Synatom 



To do what ?

- Invite the general public **to reflect** about nuclear power
- Allow the general public **to ask questions**
- **To communicate on the economic weight and diversity** of the nuclear sector
- **To raise awareness on the usefulness** and availability of numerous applications of **nuclear technology** in our **daily lives and in our future**
- To inform **decision makers** transparently and factually

NUCLEAR ENERGY. ARE YOU **FOR**, ARE YOU **AGAINST**, OR DON'T YOU USE ELECTRICITY?



ES, Ingénieure électromécanique, Electrabel, Centrale nucléaire de Doel.

PRODUIRE PLUS DE LA MOITIÉ DE L'ÉLECTRICITÉ EN BELGIQUE, C'EST UN SACRÉ CHALLENGE.

EXPLIQUER QUE JE TRAVAILLE DANS UNE CENTRALE NUCLÉAIRE, C'EST PARFOIS PLUS DIFFICILE.

A la centrale nucléaire de Doel, Es est responsable de l'entretien et de la maintenance de différents composants électriques comme les générateurs de secours par exemple. Avec son équipe, elle fait en sorte que la centrale soit en permanence capable de produire la quantité d'électricité nécessaire aux besoins en énergie de la population. Quand on sait que plus de 50% de l'électricité produite en Belgique est d'origine nucléaire, on comprend pourquoi Es est fière de réussir tous les jours à relever ce challenge.

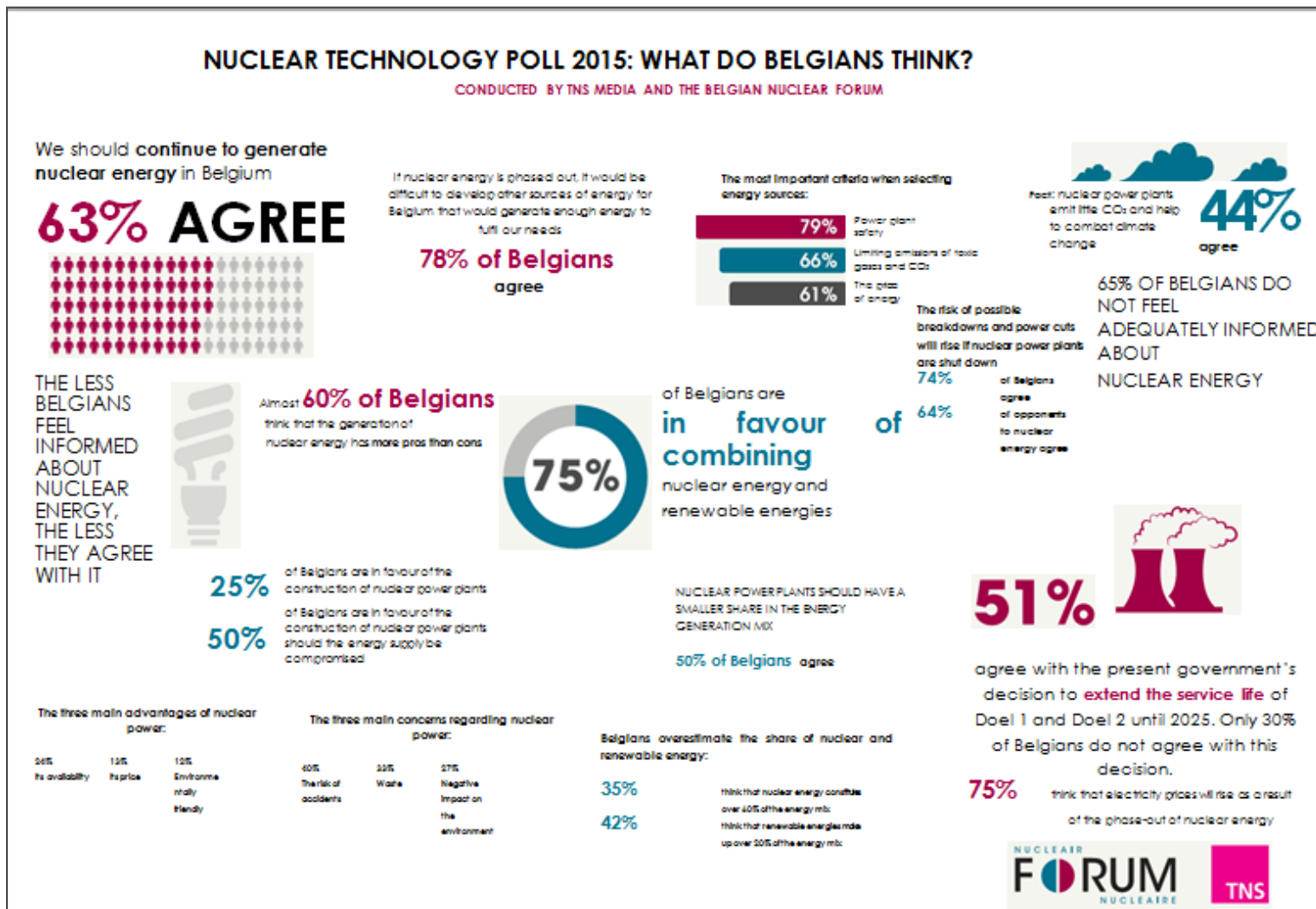
Pour tout savoir sur le métier de Es et sur l'utilité de la technologie nucléaire dans votre vie, surfez sur toutsurlenucleaire.be



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NUCLÉAIRE
FORUM
NUCLÉAIRE

Nuclear technology poll 2015





Communication in the framework of our
Nuclear New Build Projects

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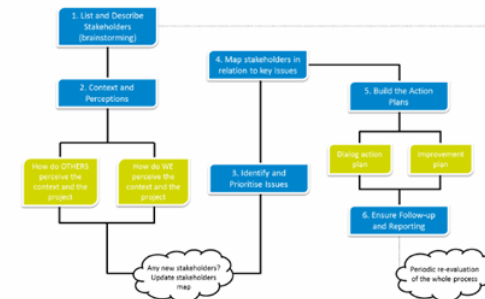
Typical investment criteria

- Coherence with Group **Strategy**
- Workable **partnerships**
- Stable long term **political commitment**
- Clear and predictable long term **legal and regulatory environment**
- A suitable **electricity market** and revenue guarantee arrangement
- **Site** assessment (incl. a reliable High Voltage **grid**)
- **Technology** assessment
- **Local acceptance**
- **Industrial framework** and possibility to build **local (nuclear) competences**
- **Fuel cycle and radwaste** management solutions
- **Economics, Financing & Off-take**



ENGIE approach

- Promote nuclear energy as an acceptable and legitimate way of meeting energy needs
→ pedagogical approach: **informing rather than convincing**
- Identify key stakeholders : opponents & sponsors, **without forgetting the undecided**
- **Develop a comprehensive Stakeholder's Management Approach**



- Get National and local Authorities engaged
- Build up ENGIE / Project Company image as an legitimate, international and local stakeholder in nuclear energy



***“Timely and informed communication,
across all disciplines and
involving key stakeholders is
the key to successful project delivery.”***



by people for people®

