

# **Dangers of Nuclear Power and the role of the IAEA**

## **Vienna, May 4 2017**

Vienna Ombudsoffice  
for Environmental Protection  
Nuclear Protection - City of Vienna



A-1190 Vienna, Muthgasse 62

Phone:+43 (1) 37979

[post@wua.wien.gv.at](mailto:post@wua.wien.gv.at)

<http://wua-wien.at>

# Nuclear Protection – City of Vienna



- **Information of the public**  
Nuclear protection, Disaster relief,  
Renewable Energies
- **Cooperation with initiatives,  
NGOs and scientific  
community in Austria and the  
neighbouring countries**
- **Observation of the NPPs and  
related issues in Europe**
- **Coordinating CNFE (Cities  
for a Nuclear Free Europe**
- **Representing the City of  
Vienna in Espoo- and Aarhus-  
Procedures, transboundary EIA**

# Vienna's Vision: Europe without NPPs



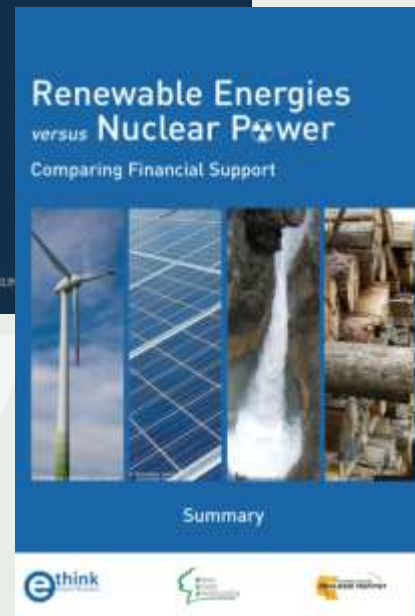
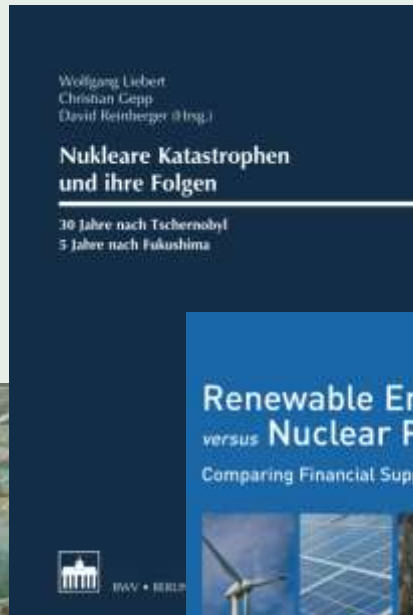
- Observation of the compliance with shutdown scenarios for NPPs
- Common safety standards for Europe
- High quality reliable information for the public in the Vienna region (Vienna, Bratislava, Brno, Győr)
- Sharing of knowledge in the field of energy efficiency and renewable energies

# Information for the public



- Homepage
- Experts' opinions
- Information Service
- Exhibitions
- Education

# Knowledge Management



- Reports concerning current technical and political issues
- Conferences concerning current question in nuclear

# Representing the City of Vienna



- Transboundary EIA and SEIA processes. Expertise and coordinating a joint opinion of the Austrian Länder
- Participation in bilateral nuclear expert meetings with the neighbouring countries

The collage includes logos from various Austrian states: Land Burgenland, Land Kärnten, Land Salzburg, Das Land Steiermark, and Vorarlberg. It also features the logo of the Wiener Umweltanwaltschaft. The documents are official letters and resolutions, such as:

- A letter from the Amt der Wiener Landesregierung, Magistratsabteilung 22, dated 2018, regarding a joint resolution for the transboundary UVP procedure for the 'Neue Kernkraftanlage am Standort Dukovany, Ts'.
- A letter dated 23 October 2013 from the Wiener Umweltanwaltschaft to the Austrian states regarding the UVP procedure for the 'Kozlodub T' nuclear power plant.
- A letter dated 06.12.2013 from the Wiener Umweltanwaltschaft to the Austrian states regarding the 'Environmental Impact Assessment Report for Investment Proposal: BUILDING A NEW NUCLEAR UNIT OF THE LATEST GENERATION AT THE KOZLODUB NPP SITE (KON Kozlodub T)'.



# Cities for a Nuclear Free Europe



- United in Europe
- Information
- Support

# Partners of CNFE



Climate Alliance



**Nuclear Free  
Local Authorities**



# Thank you for your attention!

Dr.<sup>in</sup> Andrea Schnattinger

Vienna Ombudsoffice for Environmental Protection

[post@wua.wien.gv.at](mailto:post@wua.wien.gv.at)

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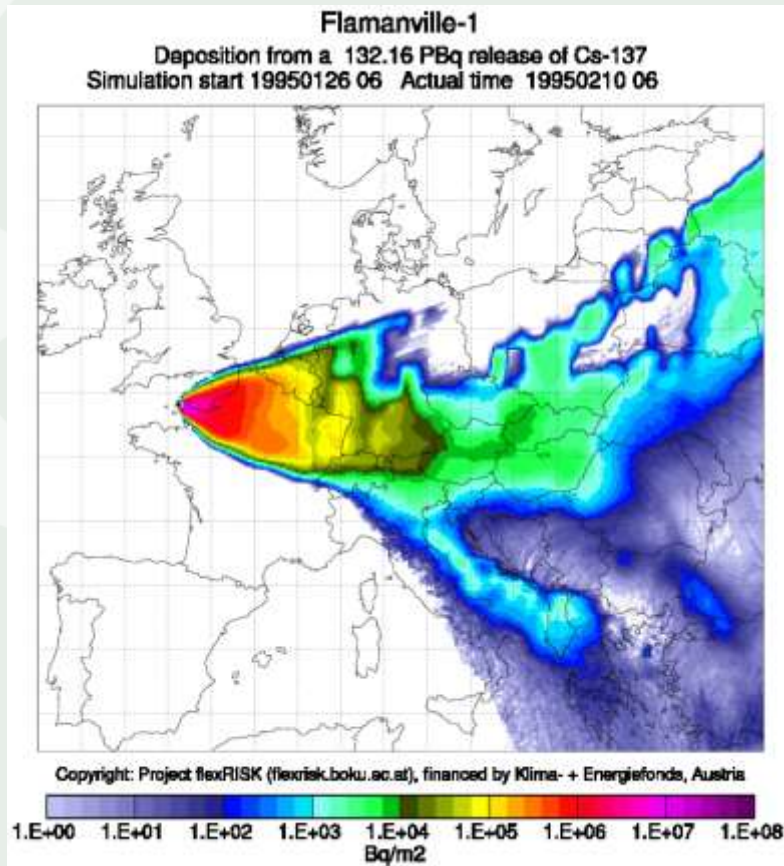
# Background

Dangers of Nuclear Power and the  
role of the IAEA

4.5.2017

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# Radioactivity without borders



- 449 Reactors in operation
- two INES 7 accidents up to now
- until now no terroristic or war induced catastrophe

# IAEA



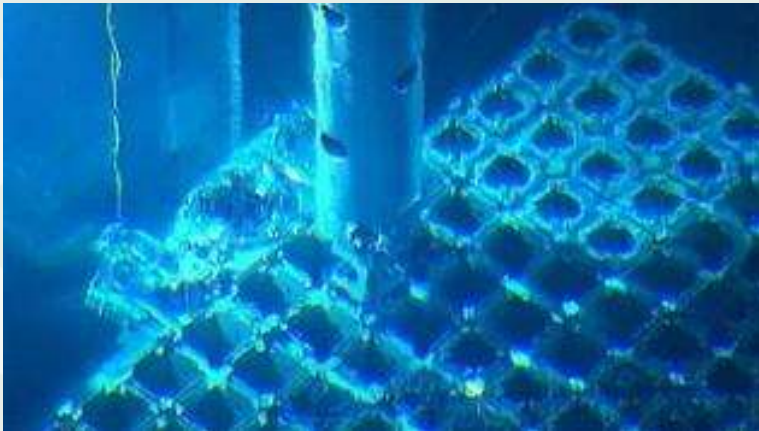
- autonomous organisation within the UN  
1957 founded
- 1959 Agreement WHO (WHA 12-40)
- 1970 Non-Proliferation Treaty (NPT)

# Humanitarian Initiative

Series of conferences exploring the humanitarian impact of nuclear weapons

- 2013 Initiative of Austria with in the NPT
- 159 states subscribed the Joint Statement in 2015

# Nuclear Fuel



- ~10 000 t nuclear fuel/year
- 1kg used fuel ~ 10g Plutonium

# The Bomb



First Nuclear Test 16<sup>th</sup> of June 1945 , 05:30:05am

- 2 in battle
- ~ 2000 tests
- ~ 4500 ready to launch



# Nuclear Weapon Free Zones

