

# JURAD-BAT

Improving radon risk management in the Jurassic Arc buildings: a cross-border platform for the benefit of Users and professionals concerned

INSPIRE conference 2017

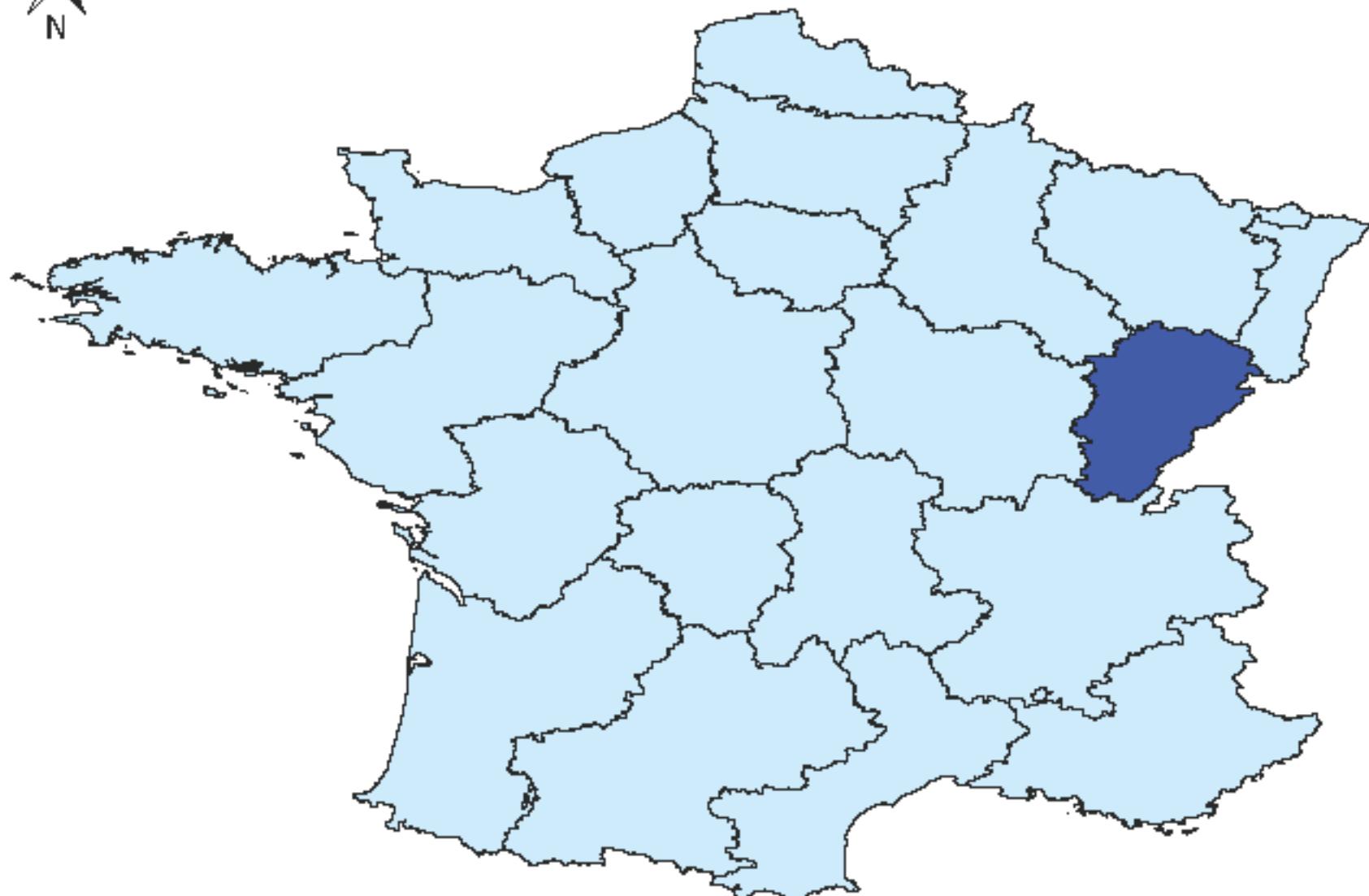




Chapter 1 : The beginning

# In Franche-Comté

N



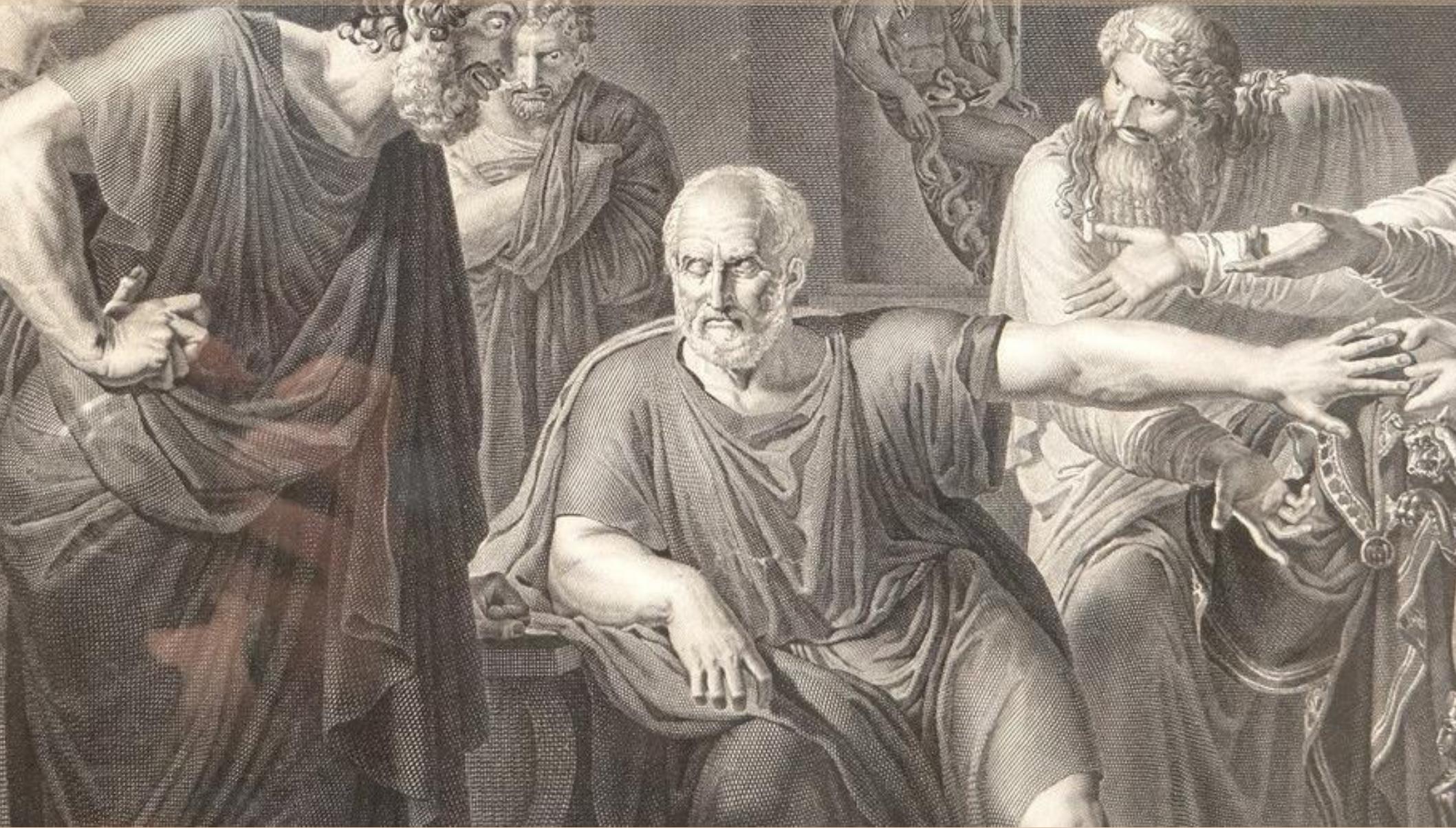
■ Franche-Comté

0 100 200 300 km



« If someone wishes for good health, one must first ask oneself if he is ready to do away with the reasons for his illness. Only then is it possible to help him. »

Hippocrate (460 – 370 BC)



« Study is the ornament and luster of a man, She gives a wonderful shine to her qualities. »

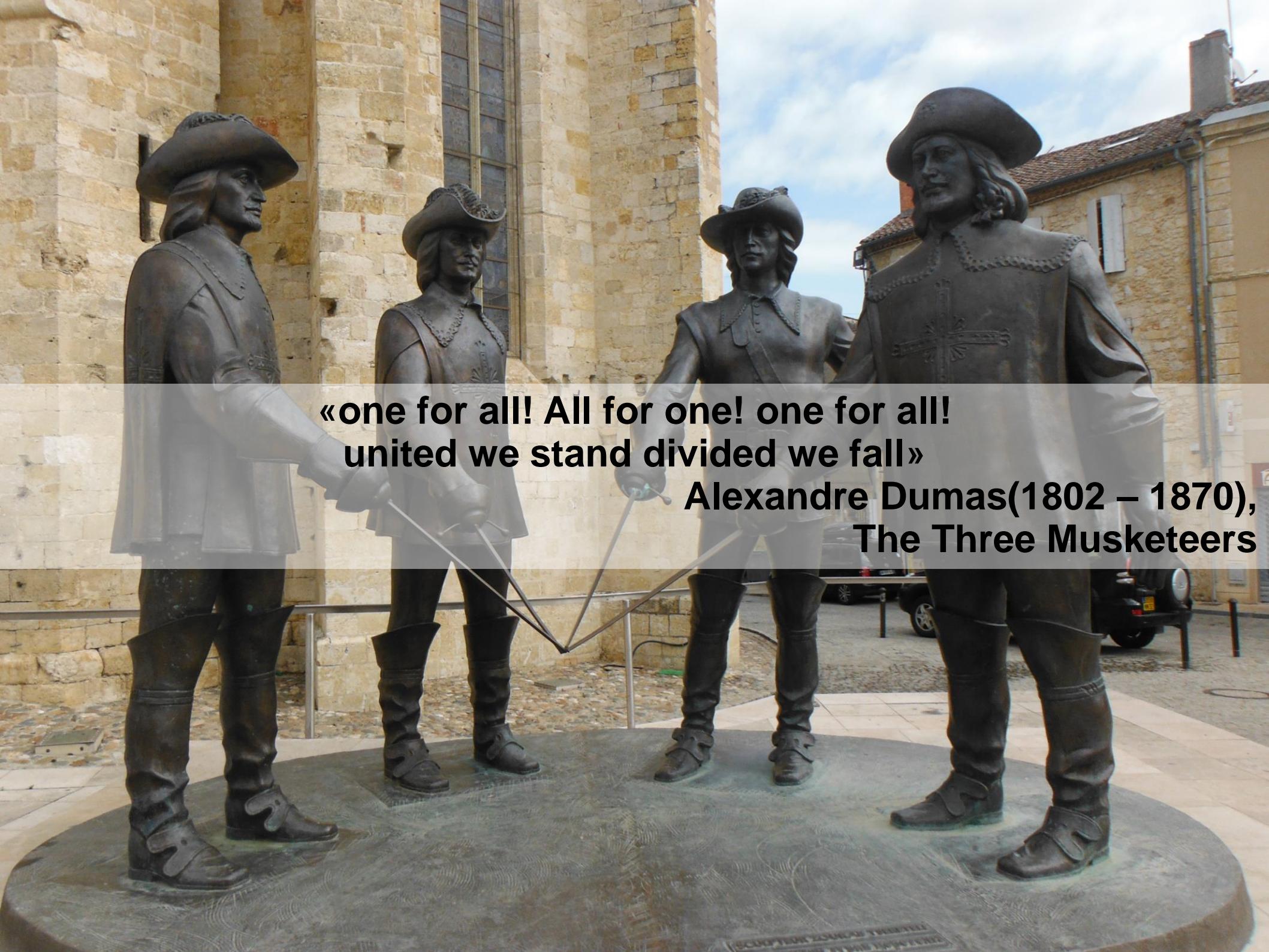
Axel Oxenstiern (1652)







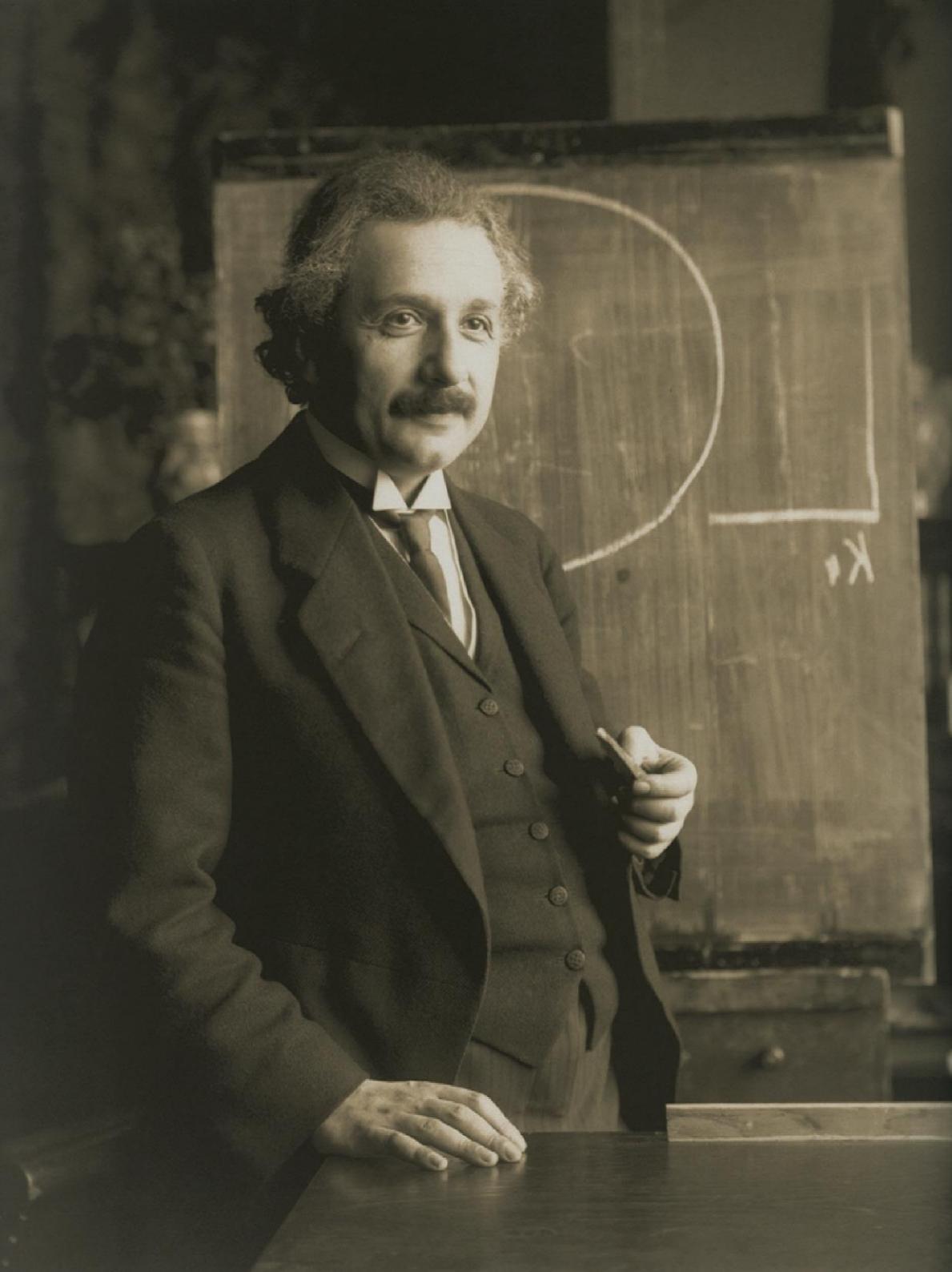


A group of four bronze statues of Musketeers from Alexandre Dumas' novel. They are standing in a circle, holding hands, and wearing traditional 17th-century French Musketeer uniforms with tricorn hats and ornate jackets.

**«one for all! All for one! one for all!  
united we stand divided we fall»**

**Alexandre Dumas(1802 – 1870),  
The Three Musketeers**





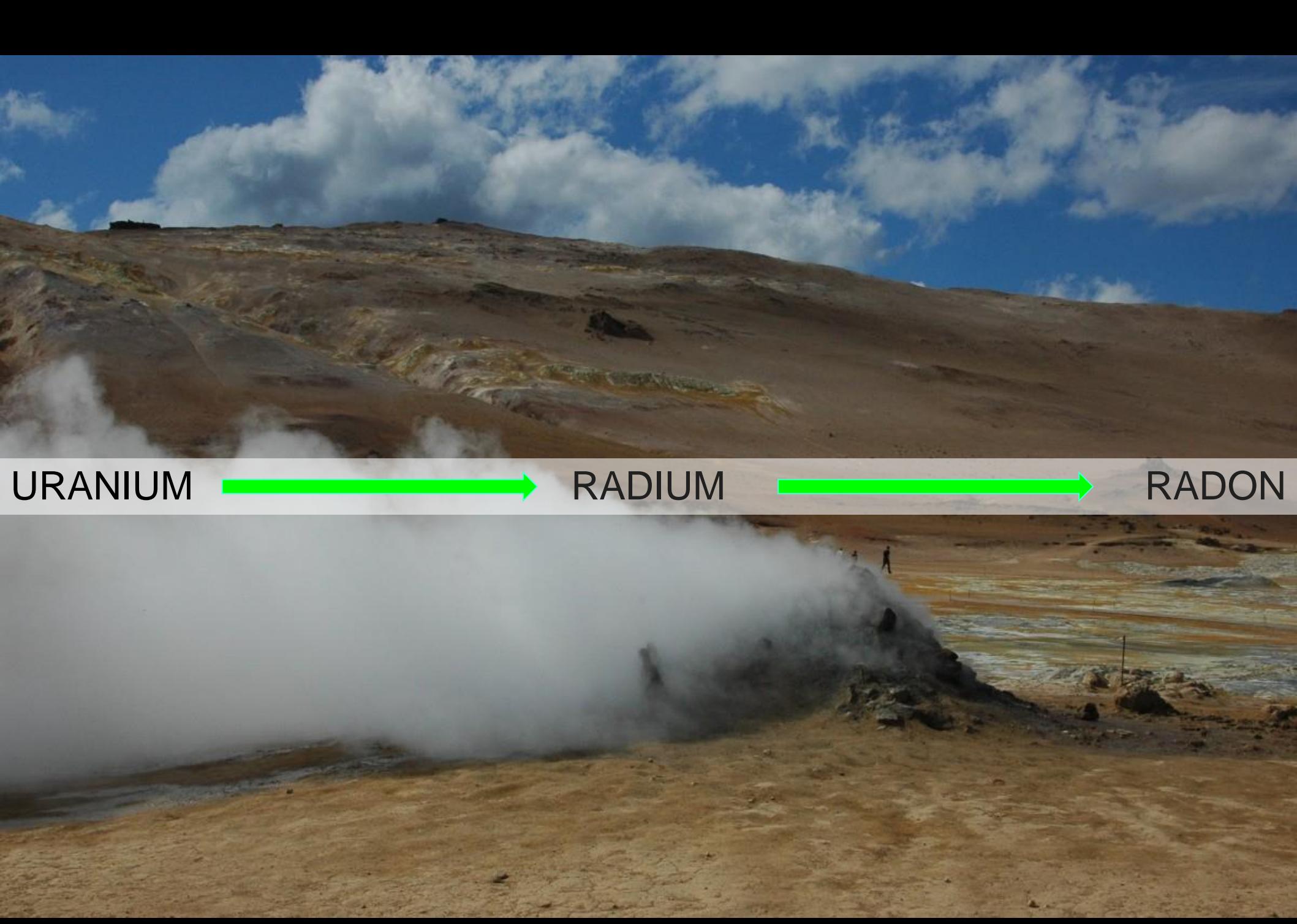
« The only source of knowledge is experience.  
Everything else is just information. »

Albert Einstein (1879-1955)

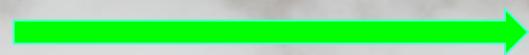


« if it is good to contemplate divine things, it is even better to contemplate and transmit them to others. »

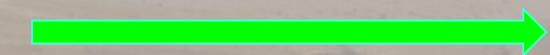
Thomas d'Aquin (1224 - 1274)



URANIUM



RADIUM



RADON



# Switzerland



0 25 50 75 km





Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

Département fédéral de l'intérieur DFI  
**Office fédéral de la santé publique OFSP**



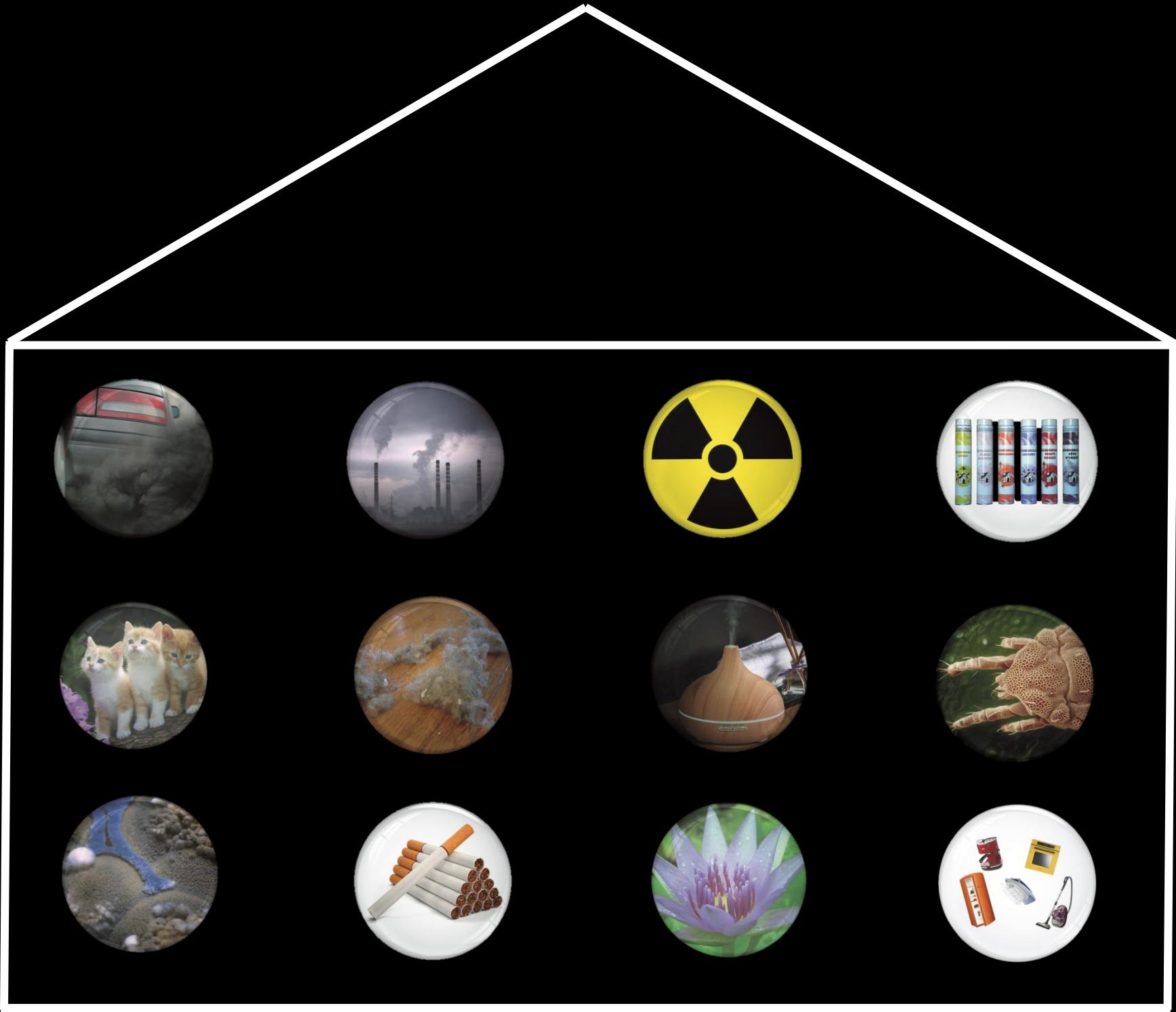
Haute école d'ingénierie et d'architecture Fribourg  
Hochschule für Technik und Architektur Freiburg



## Chapter 2 : Air pollutant







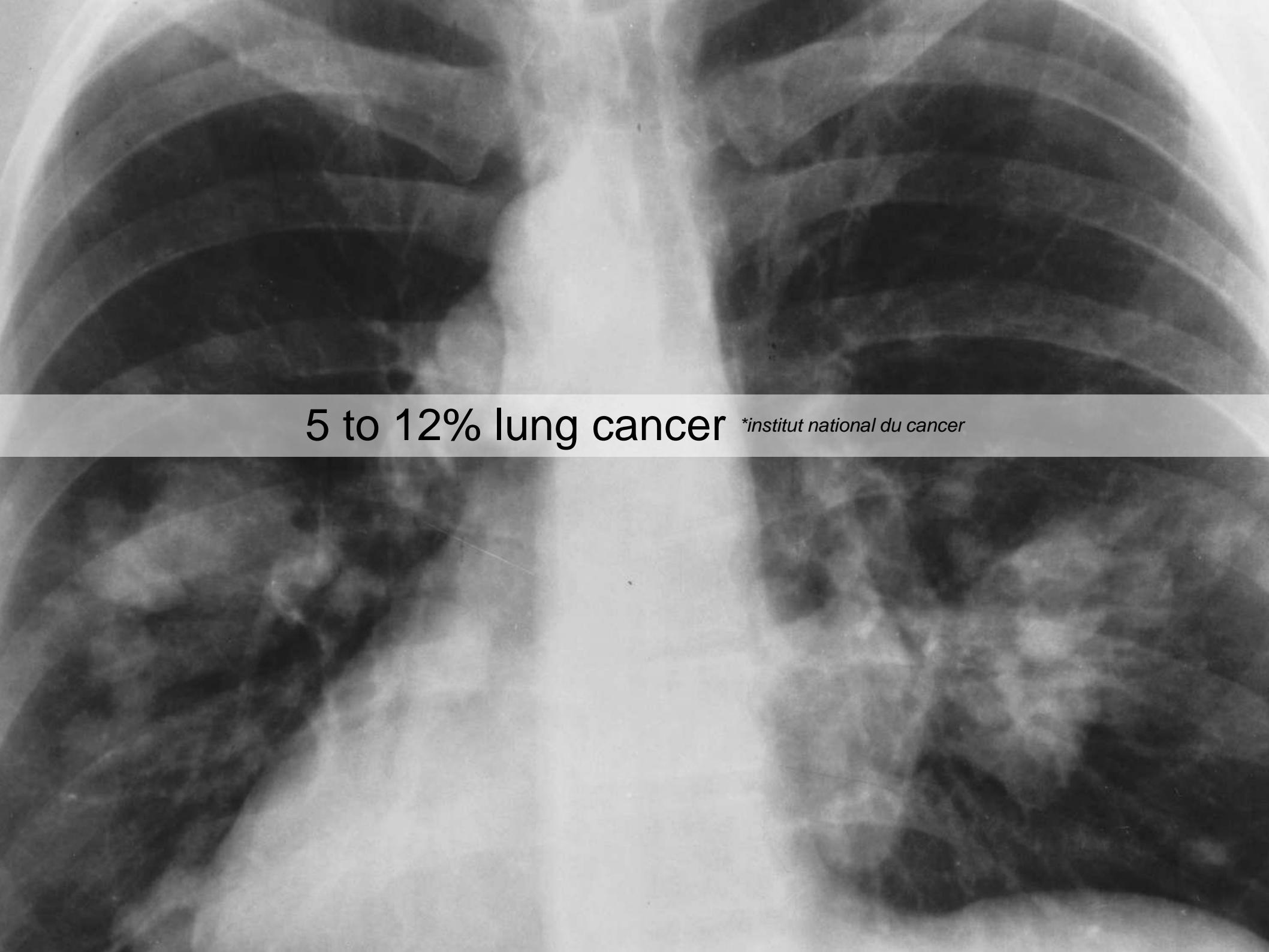


WHO in 2016 :  
3.5 Million deaths/year



Switzerland : 1 500 deaths/year \*tribune de Genève

France : 20 000 deaths/year \*monitoring centre for indoor air quality



5 to 12% lung cancer

*\*institut national du cancer*

The background of the image is a massive pile of 500 Euro banknotes, tightly packed and stacked in various directions, creating a dense, textured appearance.

20 Billion € / year

\*monitoring centre for indoor air quality and the ANSES



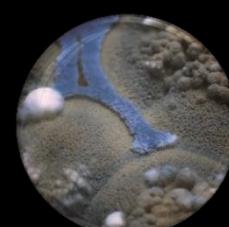
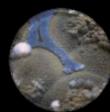
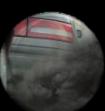
# Performance Race



YOU SHALL NOT PASS!

Before  
renovation

After  
renovation





Chapter 3 : JURAD-BAT project



Project launch

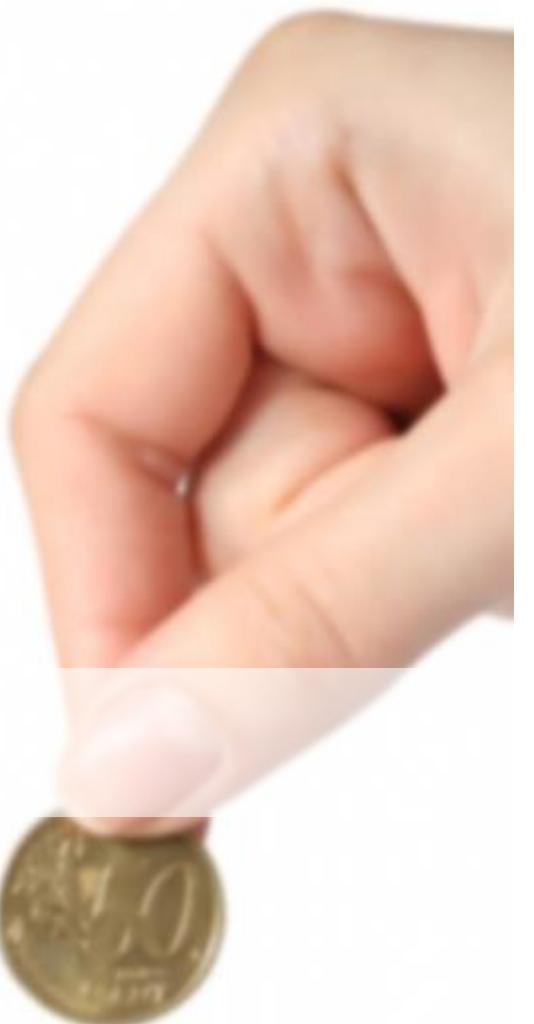
Create Web  
Application

Operational  
Platform

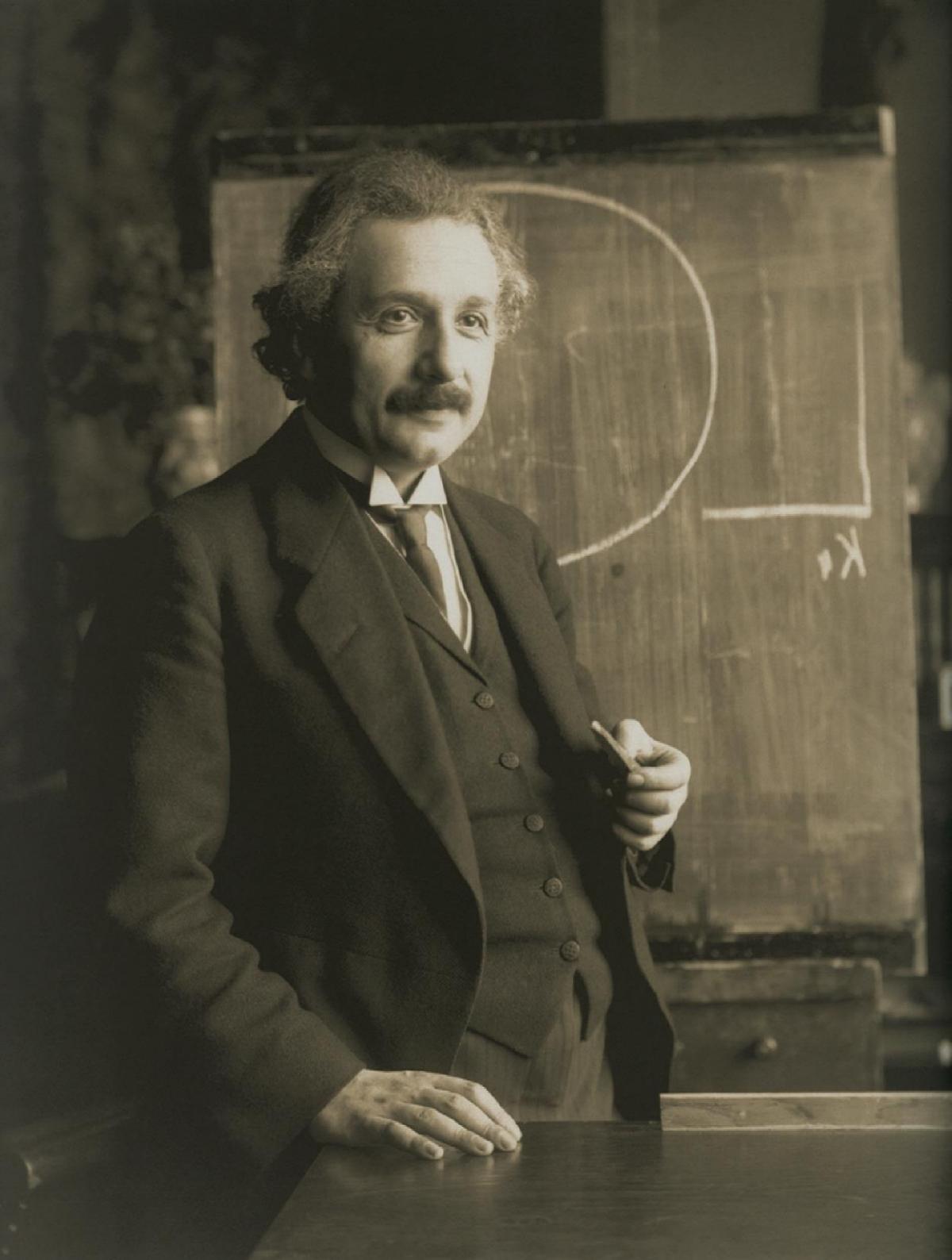
T12

T24

T36



1 445 469 €



« The only source of  
knowledge is experience.  
Everything else is just  
information. »

Albert Einstein (1879-1955)

)



« if it is good to contemplate divine things, it is even better to contemplate and transmit them to others. »

Thomas d'Aquin (1224 - 1274)

A wide-angle photograph of a two-lane asphalt road stretching into the distance. The road is marked with white dashed lines. It cuts through a vast, green, rolling landscape, likely a prairie or steppe. In the background, there are several low, forested mountains under a sky filled with scattered, wispy clouds.

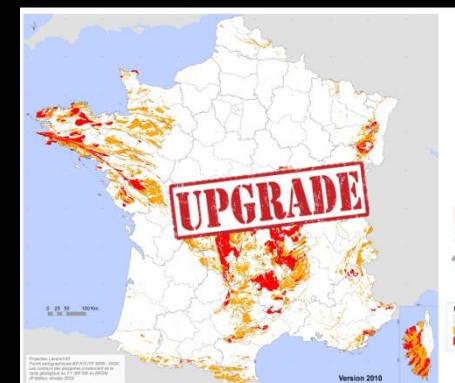
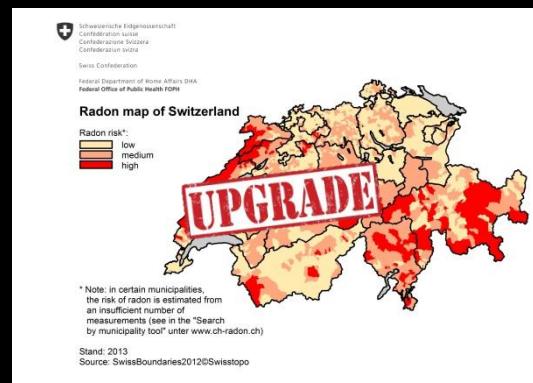
And more....



Life very long time (more 3 years)



Upgrade existing map



Advise building professionals and general public



## Training seminar



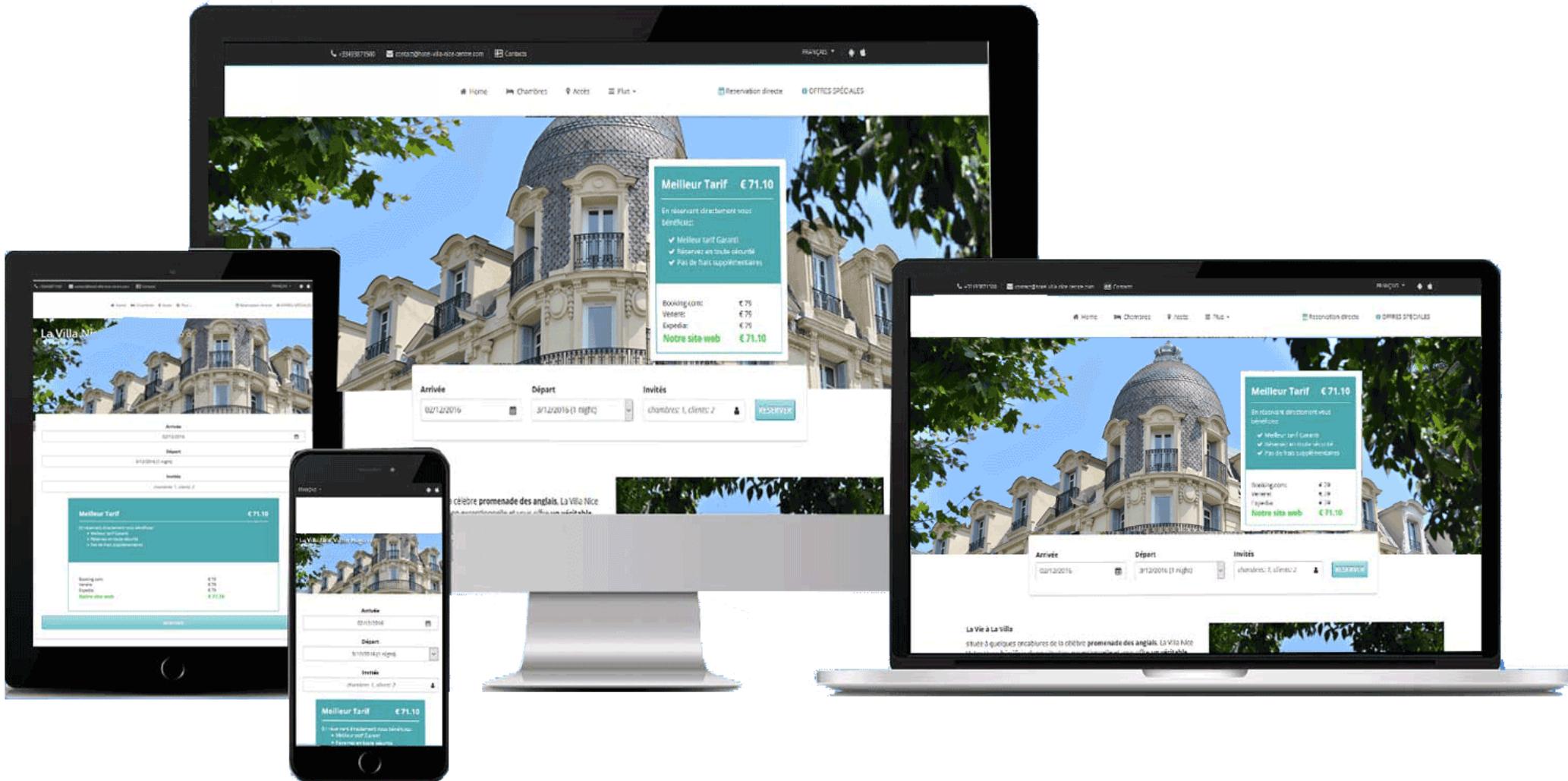
## Consulting near territorial authority

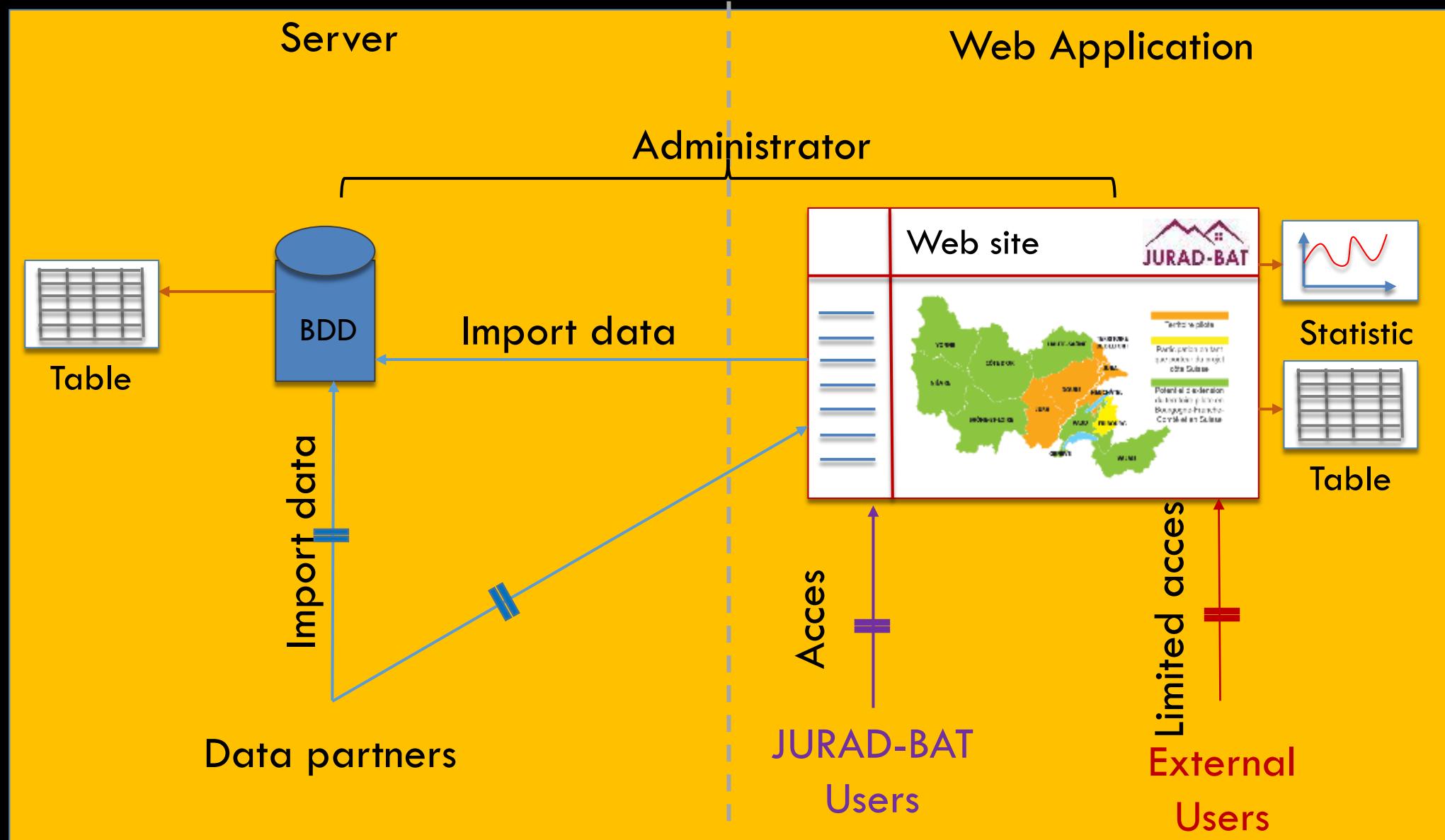


disseminating the knowledge



# multiplatform







Improving radon risk management in the Jurassian Arc buildings: a cross-border platform for the benefit of Users and professionals concerned

Presentation

Consulting

Formation

Pedagogy

Member

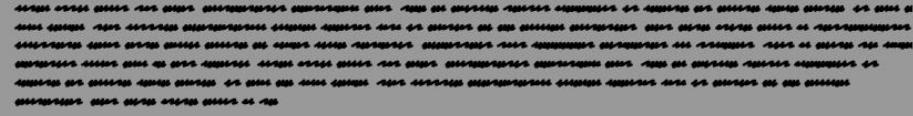


### CONSULTING

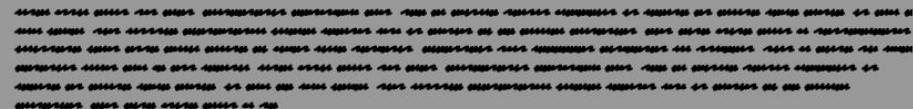


### PEDAGOGY

### HOME



### FORMATION



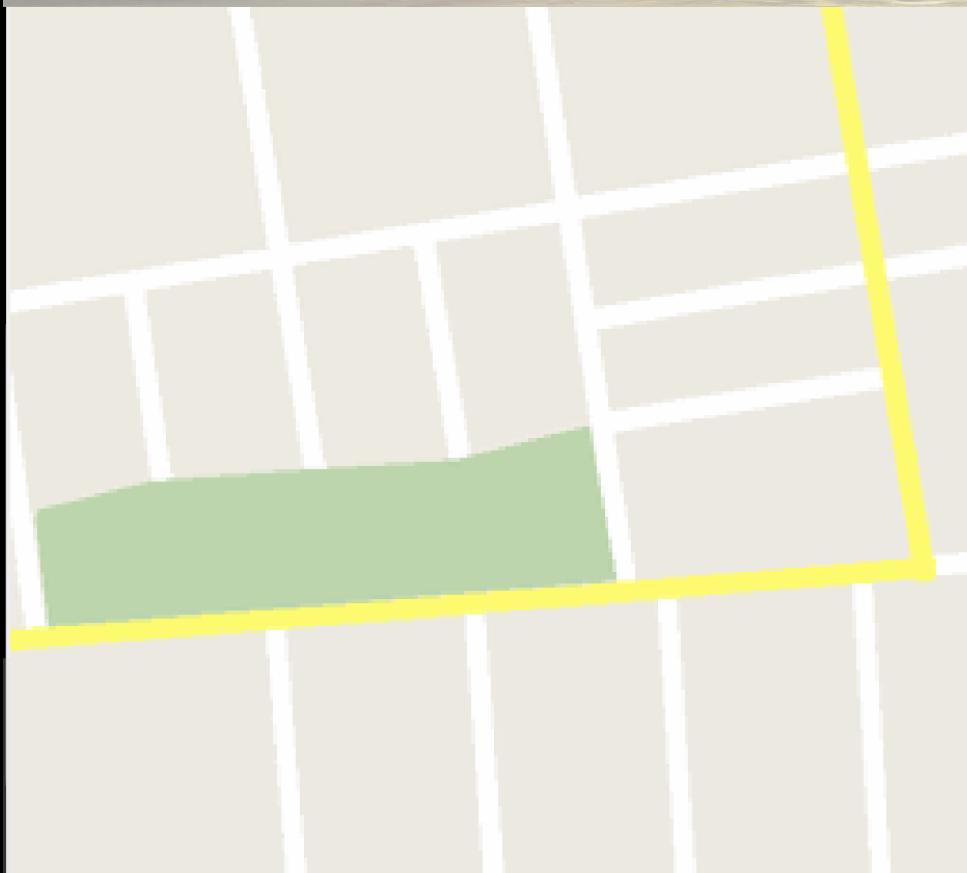
### CONTACT





Improving radon risk management in the Jurassian Arc buildings: a cross-border platform for the benefit of Users and professionals concerned

Presentation Consulting Formation Pedagogy Contact



## HOME

The JURAD-BAT platform aims to improve radon risk management in the Jurassian Arc buildings. It provides a cross-border platform for users and professionals concerned. The platform includes a presentation section, consulting services, training programs, and pedagogical resources. The presentation section contains a detailed description of the project's objectives and methodology. Consulting services offer tailored advice for building owners and managers. Training programs cover various aspects of radon management, such as measurement techniques and mitigation strategies. Pedagogical resources include educational materials for students and professionals.



Schweizerische Eidgenossenschaft  
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Confederaziun Svizra  
Délázeamt fédéral de l'intérieur OFS  
Office fédéral de la santé publique OFSP



Haute école d'ingénierie et d'architecture Fribourg  
Hochschule für Technik und Architektur Freiburg



**ECONS**  
environmental engineering



**JURA** **TECH**  
RÉPUBLIQUE ET CANTON DU JURA



**iine.ch**  
RÉPUBLIQUE ET CANTON DE NEUCHÂTEL



DIJON



énergie - homme - environnement



**Pôle énergie**  
**Franche-Comté**





LOGO JURAD-BAT

Improving radon risk management in the Jurassian Arc buildings: a cross-border platform for the benefit of Users and professionals concerned

### export data

excel

csv

### Import data

### data management

### cartographie

territory

indicator

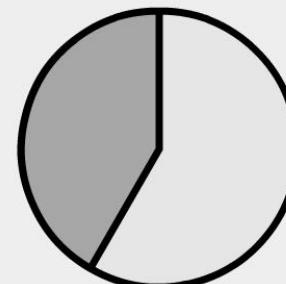
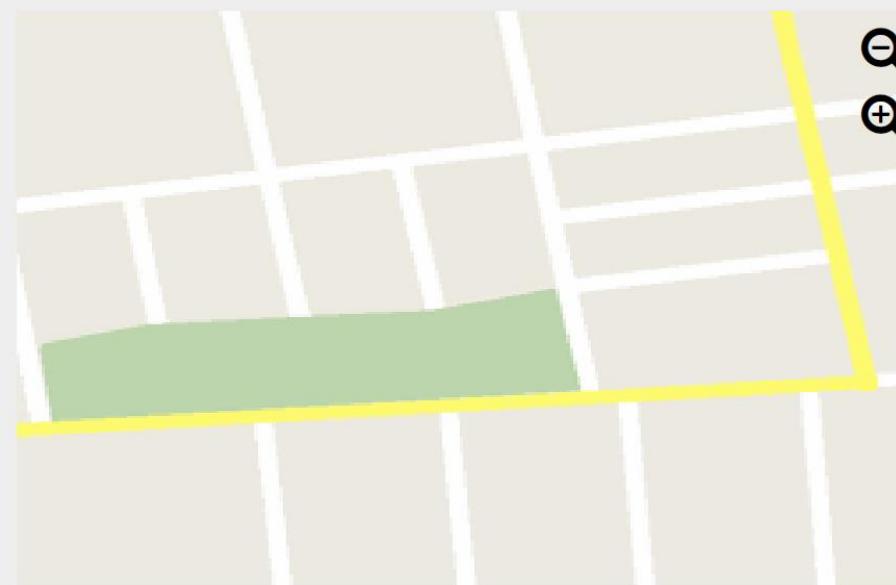


### profile

edit

my data

delete



Name (job title)	Age	Nickname	Employee
Giacomo Guilizzoni Founder & CEO	40	Peldi	<input type="radio"/>
Marco Botton Tuttofare	38		<input checked="" type="checkbox"/>
Mariah MacLachlan Better Half	41	Patata	<input type="checkbox"/>
Valerie Liberty Head Chef	:)	Val	<input checked="" type="checkbox"/>
<a href="#">Data Grid Docs</a>			<input type="checkbox"/>

# Leader



# Partners



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

Département fédéral de l'intérieur DFI  
Office fédéral de la santé publique OFSP



canton de  
vaud



# Contributors



A black and white photograph of a highway scene. In the foreground, a two-lane road with a solid white center line curves from the bottom left towards the center. A dashed white line continues along the right side. To the left, there's a shoulder and some utility poles with wires. In the center, a bridge spans a valley, with several vehicles visible on it. The background features a range of mountains under a hazy sky.

Thank you  
for your attention

# Photo source

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Frédéric LEPAGE : <http://www.communiquez-par-la-bd.fr/>

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