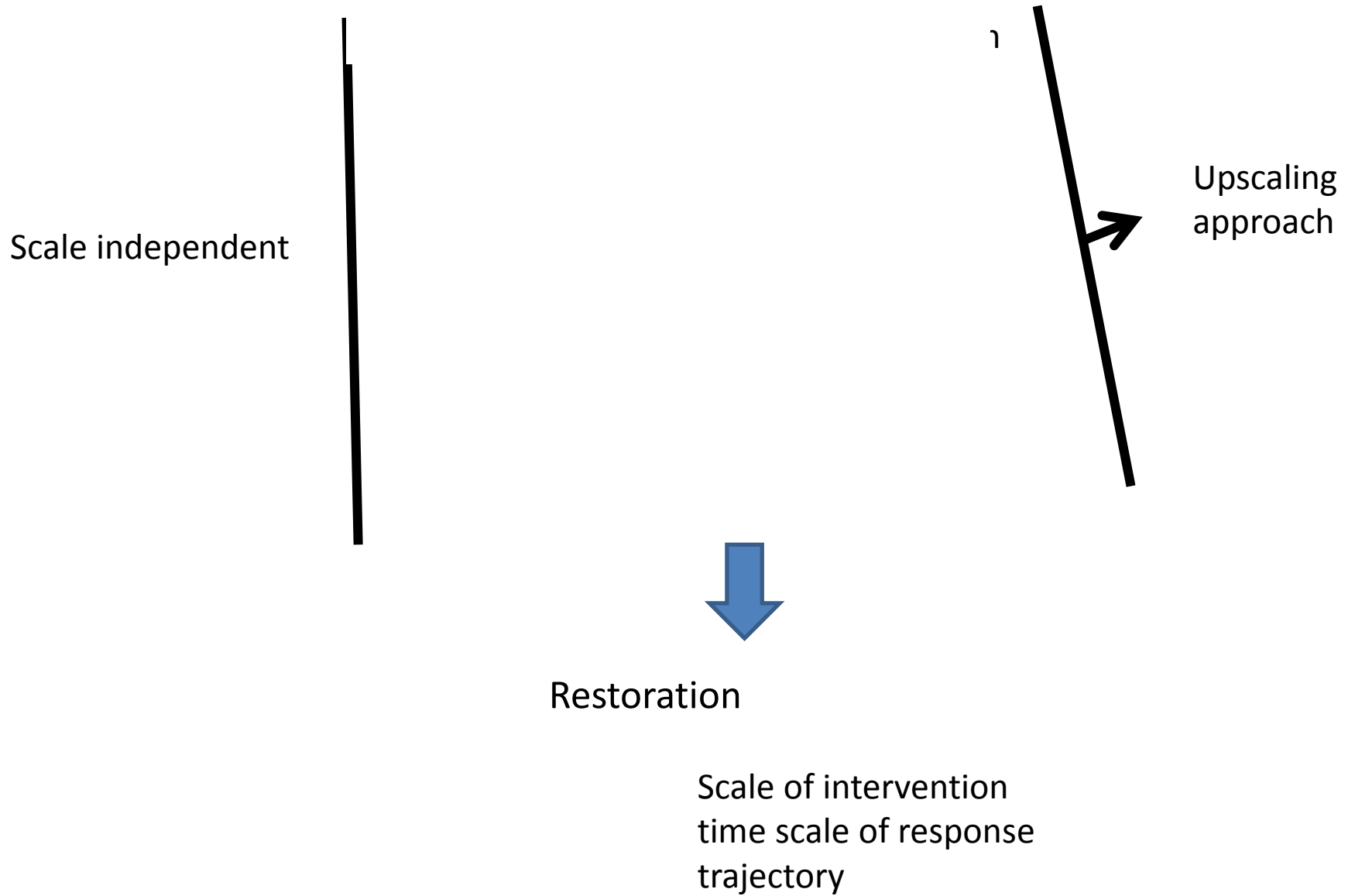


# Some elements of conclusion/discussion





Atlantic Ocean

Vienna

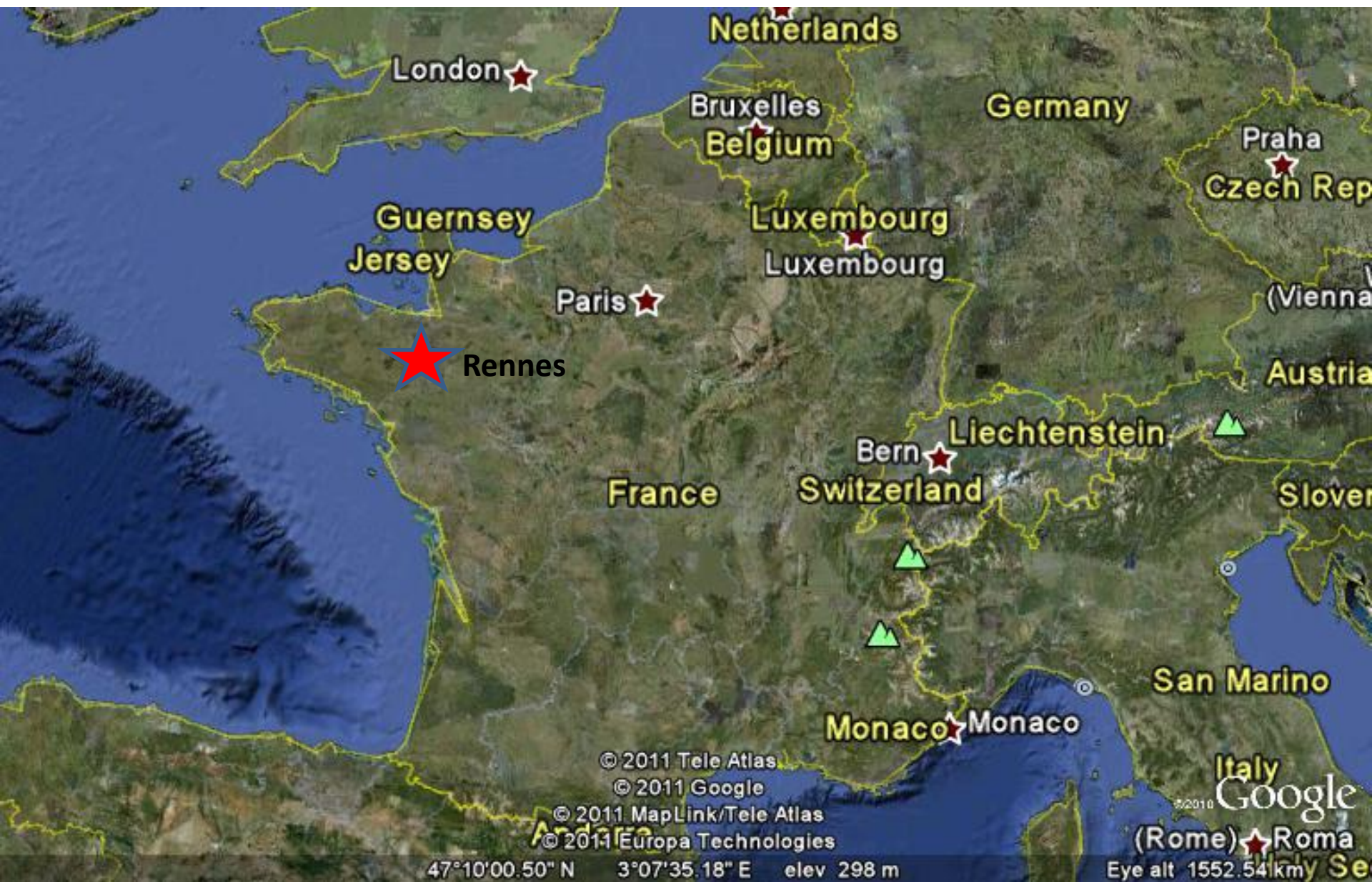
© 2011 MapLink/Tele Atlas  
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US Dept of State Geographer  
© 2011 Europa Technologies

48°20'05.70" N 18°01'02.92" E elev 465 m

Eye alt 6003.62 km

Google







HydroEco 2013

Rennes, France



Saint Malo



Rennes

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© 2011 NOAA, U.S. Navy, NGA, GEBCO  
© 2011 IGN-France  
© 2011 Aerodata International Surveys  
1°29'14.68" W elev 41 m



© 2010 Google

Eye alt 500.51 km



## Students

23,285

- 21,010 in higher education
- 1,716 in adult continuing education
- 221 apprentices
- 338 resuming education
- 2,595 trainees in short vocational courses (2007)
- 5,580 scholarship holders

## Human resources

3,353

persons working in higher education and research :

- 1,601 lecturer-researchers and lecturers
- 1,130 administrative employees, librarians, technical and general staff
- 622 researchers and persons attached to national research organizations

## Training courses

212

in higher education :

- 18 bachelor's degrees
- 33 vocational degrees
- 28 master's degrees leading to 111 specialities
- 19 doctor's degrees
- 2 engineering degrees
- 1 basic legal qualification
- 16 two-year diplomas
- 3 health-care diplomas (medicine, pharmacy, odontology)
- 6 specialist health-care diplomas
- 3 paramedical diplomas

➤ 120 university diplomas

## Diplomas awarded

9,916

In 2007/2008 :

- 3,431 master's degrees
- 205 doctor's degrees
- 78 diplomas awarded entirely or partially through the APEL scheme (in 2008)

## Professional integration

5,970

training courses in 2007/2008, either compulsory or voluntary, in France or abroad :

- Of the vocational bachelor's degree holders (graduating in 2004, after 30 months):
  - 84% are in work
- Of the vocational master's degree holders (graduating in 2006, after 18 months):
  - 95% are in work

## Research

81%

of lecturer-researchers and lecturers working in units associated with national organizations (CNRS, Inserm, INRA, INRIA)

- 4 major research sectors
- 4 doctoral schools
- 1,150 PhD students
- 40 research units
- 3 federal research organizations
- 39 certified research platforms
- 20 million euros in contractual resources (excluding the CPER funding programme)

## Development

35

companies developed or created since 2000 :

- 16 in business in 2008

- 52 active patent families
- 66 industrial research contracts amounting to 2 million euros (in 2008)

## Property

110

buildings

- 350,924 sq. m. of developed sites
- 130 hectares of real estate

## International

2,703

foreign students :



- 405 outgoing students
- 430 students studying abroad (2007/2008)
- 41 partner countries
- 161 international cooperation agreements
- 6 associated international laboratories
- 2 Erasmus Mundus master's degrees

## Budget

235,4 MEUR

- 68.9 million euros allocated to operations and investments (including the annual CPER grant for 2007-2013 amounting to 102.1 million euros)
- 166.5 million euros allocated to the wage bill

- 26.7 million euros provided out-of-budget for research (research organizations, contractual resources)
- 33 million euros allocated to the wage bill of research organizations

## Scientific culture

453 000

specimens

- 4 collections devoted to zoology, botany, paleontology, geology, archaeology on the Beaulieu Campus
- 2,000 physics instruments

- 1 corentization devoted to science culture and technology
- 1 museum in Paimpol

# OSUR Environmental research Institute

## Observation & modelisation

430 permanent researchers

Geosciences  
Geography  
Ecology  
Landscape ecology  
Agronomy  
Eco-toxicology  
Archeology