



EUREKA UMBRELLA PROJECT:
**Technologies for a Sustainable and
Competitive Construction Sector**

Experience of EurekaBuild:

**How to use the EUREKA programme
to support the implementation of the
Strategic Research Agenda**

Jelena Bleiziffer
University of Zagreb, CROATIA



EUROPEAN CONSTRUCTION TECHNOLOGY PLATFORM

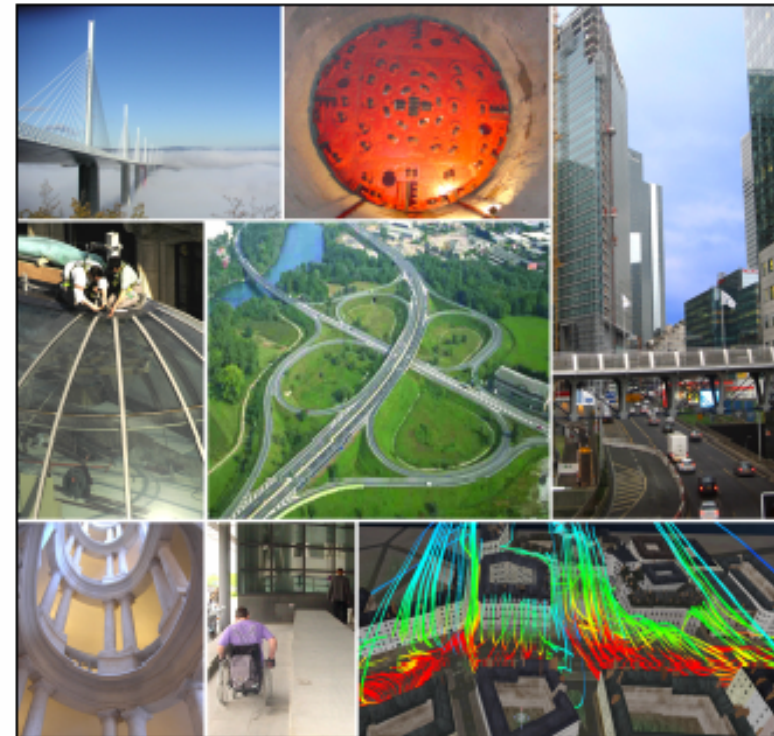
www.ectp.org



Strategic Research Agenda (Nov. 2005)

Research priorities

- Meeting client/users requirements
- Becoming sustainable
- Transformation the construction sector



Strategic Research Agenda for the European Construction Sector

Achieving a sustainable and competitive
construction sector by 2030

Working Version 0.111, Nov 18th, 2005

European Construction Technology Platform (ECTP)
www.ectp.org

- Technologies for Healthy, Safe, Accessible and Stimulating Indoor Environments for All
- Innovative Use of Underground Space
- New Technologies, Concepts and High-tech Materials for Efficient and Clean Buildings
- Reduce Environmental and Man-made Impacts of Built Environment and Cities
- Sustainable Management of Transports and Utilities Networks
- A Living Cultural Heritage for an Attractive Europe
- Improve Safety and Security within the Construction Sector
- New Integrated Processes for the Construction Sector
- High Added Value Construction Materials

- **Nanotechnologies for Materials in Construction**
- **Technologies and Engineering for Innovative Added-value Services Offered by SMEs in the Construction Sector**



ECTP Focus Areas



EUROPEAN CONSTRUCTION TECHNOLOGY PLATFORM

www.ectp.org



Underground construction



Cities & buildings



Networks



Cultural heritage



Materials



Quality of life

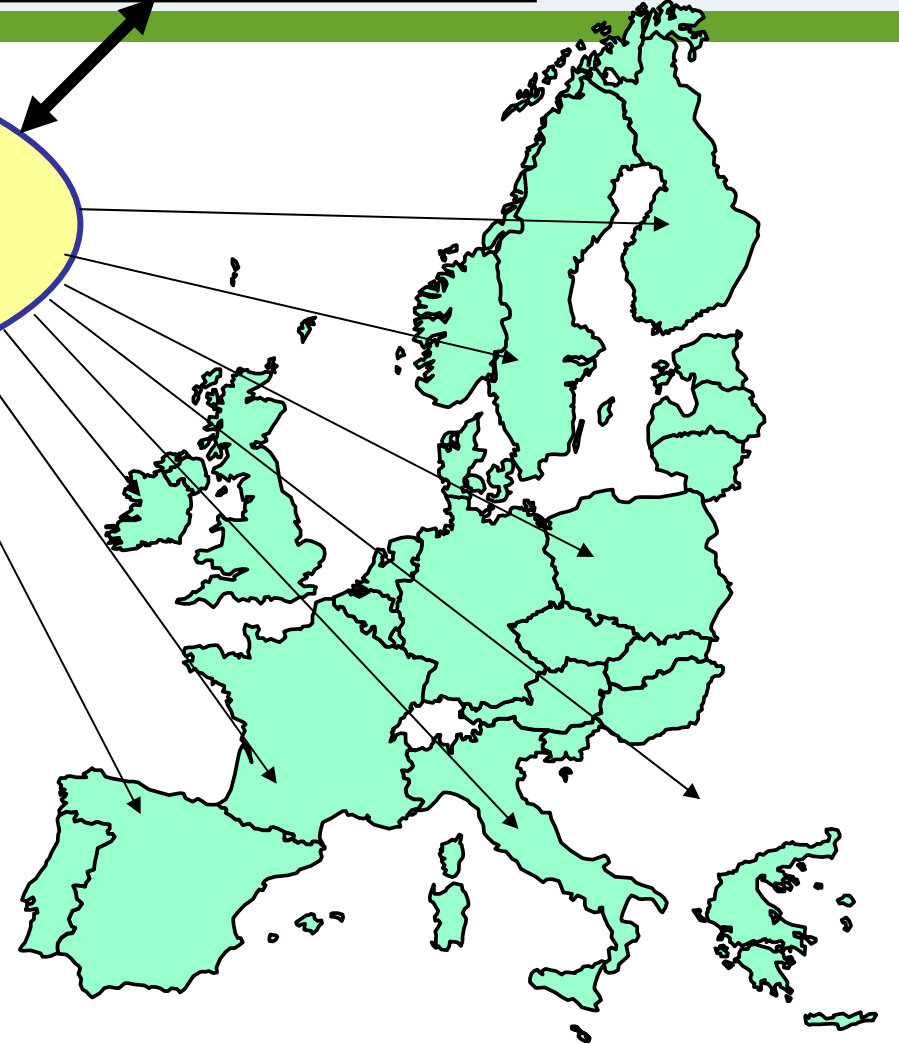


Processes & ICT

- All European countries together
- Group of countries
- Each country alone

STAKEHOLDERS:

- Industries
- Researches & Universities
- Clients and Users
- Financial Organizations
- Public Authorities, ...

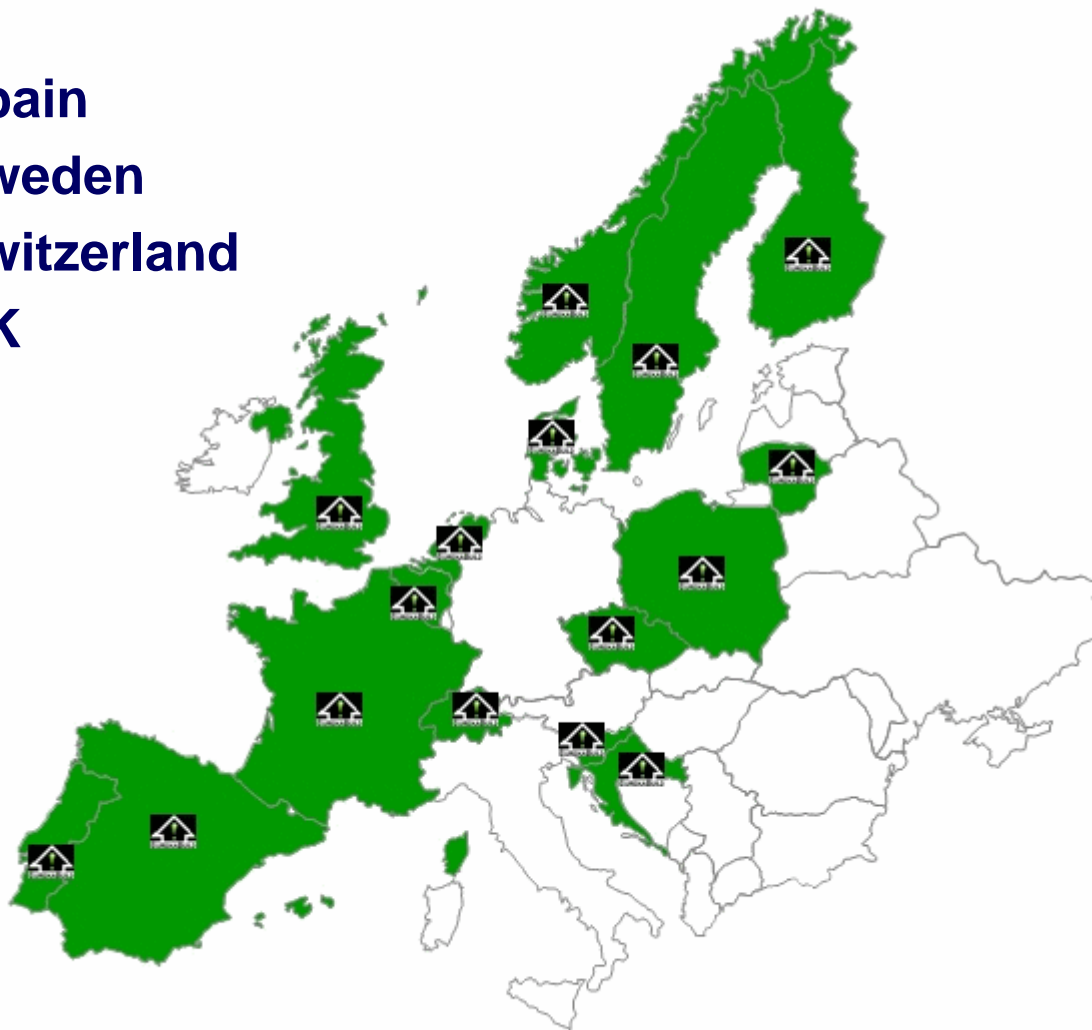




E!3970 Eureka Umbrella EurekaBuild

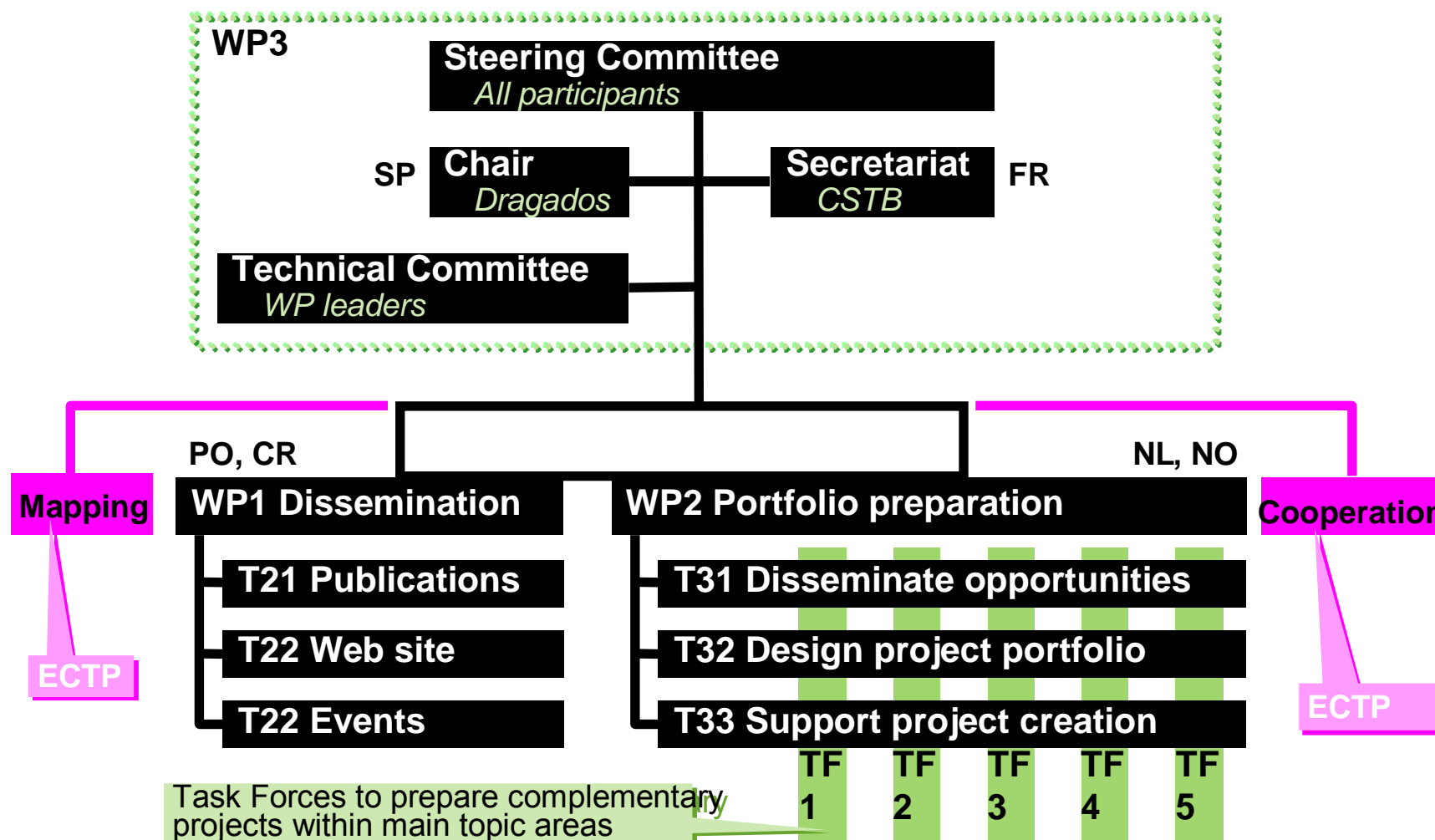


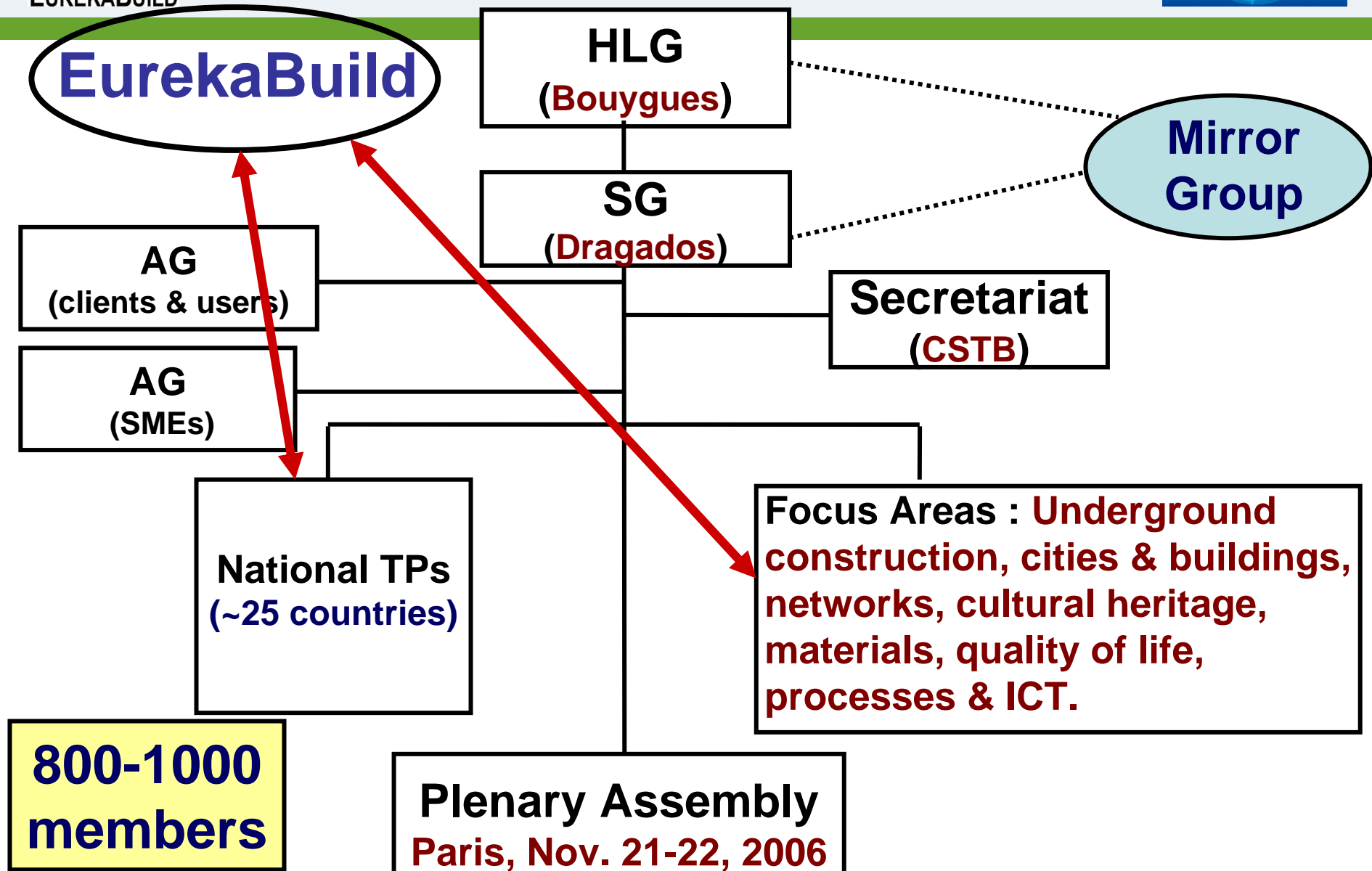
- Belgium
- Croatia
- Czech Rep.
- Denmark
- Finland
- France
- Lithuania
- Netherlands
- Norway
- Poland
- Portugal
- Slovenia
- Spain
- Sweden
- Switzerland
- UK



- To get **formal commitment of NUP** and to nominate a **NUS** through the NCTP, and to agree on the respective roles of the NUP and NUS in EurekaBuild,
- To work on the **identification of common areas** of interest between several EurekaBuild members in the domains of the EurekaBuild priorities
- To actively contribute to **organising in the country workshops** which will gather NTPs members to actively work on the promotion of trans-national research projects

- To mobilise the actors in the countries to develop **trans-national research projects** in line with the Eureka procedures
- To **host EurekaBuild meetings**
- To **disseminate information** on the Umbrella action at their national level
- To commit to do their best to contribute to the work plan of EurekaBuild







Chairman: Dragados (Jesús Rodriguez)

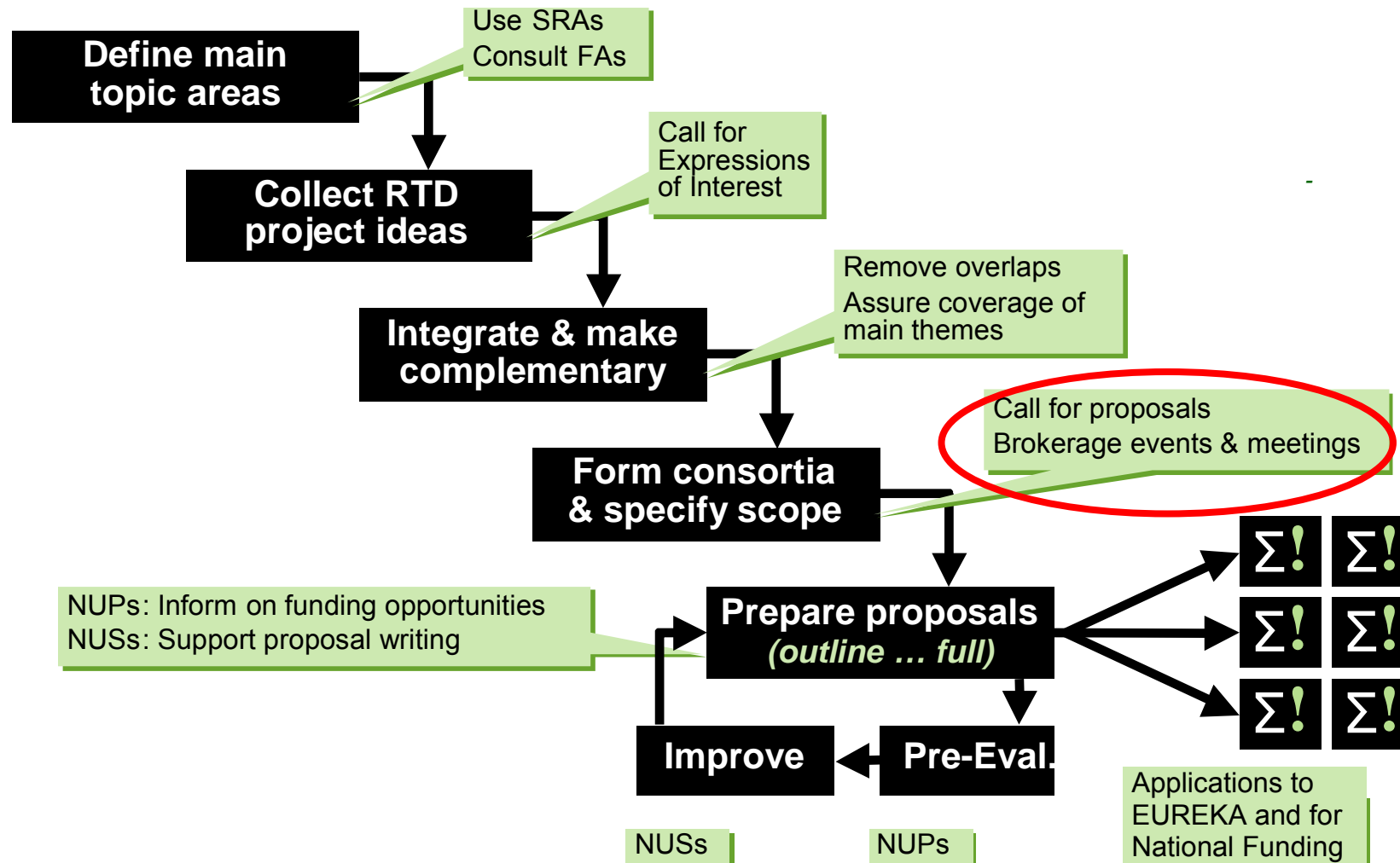
Secretariat: CSTB (Luc Bordeau, Bruno Fies)

WP1 leaders:

- ASM (Elzbieta Syrda, Alexandra Oleksik)
- University of Zagreb (Jelena Bleiziffer)

WP 2 leaders:

- Sintef (Svein Haagenrud)
- BAM (Ger Maas)



Brokerage events in 2006

- Sep 13-14: Valencia: ICT
- Sep.13-14: Valencia: Energy & buildings
- September 26, 2006: Ispra, Italy (38 project ideas)
- October 16-18: Cavtat, Croatia Cultural Heritage
- November 21-22: Versailles (ECTP conference & 8 Parallel sessions with > 70 project ideas)

EurekaBuild Workshops 2007-2009



EurekaBuild Events



- **Organized by NTPs** in cooperation with
 - Focus Area Leader (ECTP)
 - NUP / NUS (EurekaBuild)
- **15 events in 3 years**
- **Around specific focus themes**
- **10 project proposals from each event**
- **150 project proposals in 3 years**

■ Jan 2007	Networks	Netherlands
■ May 2007	ICT	Nordic countries
■ June 2007	Materials	Spain
■ June 2007	Materials	Czech Rep.
■ Nov 2007	Energy Efficiency	Lithuania
■ Jan 2008	ICT	Poland
■ March 2008	Cultural Heritage	Slovenia
■ May 2008	Networks	Croatia

- **“Towards a Reliable and Available Public Infrastructure”**

Rotterdam, The Netherlands, 22-23 January 2007



- **International event**
- **70 participants**
- **50 project ideas presented**
- **Possible partnerships negotiated**

Final comments

- Eureka Umbrella Project
- Support from Eureka Secretariat
- Support from Eureka National bodies
- Coordination with other initiatives:
 - ETPs
 - FP7: Eranet, Eranet+
 - FP7: Collaborative projects, ...
 - National projects,

E!3790 EurekaBuild

secretariat.ectp@cstb.fr

www.ectp.org/eurekabuild2.asp

