



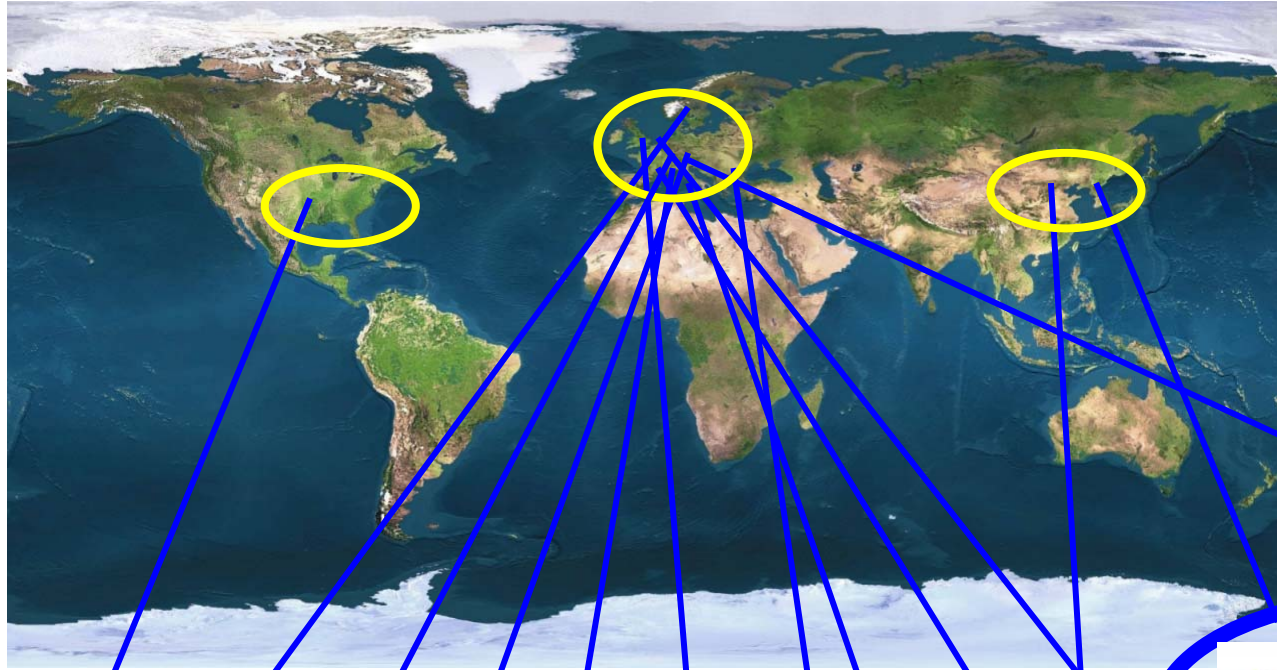
# Korean participation in the Large Knowledge Collider (LarKC)

# The Large Knowledge Collider

- 10M€ budget
- 7M€ EU contribution
- 3.5 years
- 80 person years
- 3 case studies
- 14 partners,  
12 countries,  
3 continents
- project nr. FP7 – 215535



# The consortium



STI · INNSBRUCK

AstraZeneca 



MAX-PLANCK-GESELLSCHAFT

 **ontotext**  
Semantic Technology Lab



**SIEMENS**

 The University Of Sheffield.



  
vrije Universiteit

  
CYcorp

H L R I S

**CEFRIEL**  
FORGING INNOVATION

# The LarKC consortium includes a Korean partner:



and the main reason are that...

- **Saltlux** is a leading Korean company in ontology and Semantic web technologies.
- **Saltlux** delivered many ontology-based products and many national projects in this area.
- **Saltlux** is a key partner with major telecom companies in Korea (SK Telecom, KTF).
- **Saltlux** has experience with several projects which require very large scale reasoning facilities

# What is the role of SaltLux in LarKC?



- LarKC is building new infrastructure for very large scale reasoning on the Web
- the **Saltlux** case-study aims at providing information to mobile phone users based on personalised data (= matching data against personal profiles).
- **Saltlux will test the limits of what can be achieved** by the consortium
- **Saltlux** provides LarKC with an ideal environment to **demonstrate the real added value**, by resolving problems of current IT systems for telecommunications
- **Saltlux** provides a **global dimension to LarKC's dissemination programme**

# What is the role of SaltLux in LarKC?



- **Saltlux** already has experience with delivery of **personalised and contextualised information and personalised and contextualised services to mobile phone users**, based on
    - their personal preferences,
    - their current location,
    - the time of day,
    - the location of their social contacts, etc.
  - This requires **reasoning about the profiles, preferences, locations and contacts of millions of mobile phone users**.
- This will push the the performance of the LarKC platform to the limits.



# We encourage further contributions from external parties:

- The Large Knowledge Collider is an **open, and configurable platform**.
  - The first public version of the Large Knowledge Collider will be **available in spring 2009**.
1. Organisations from outside the consortium can **use the LarKC platform** for their own purposes,
  2. LarKC will form an "**early adapters group**".
    - LarKC will **actively support** this group in use the Large Knowledge Collider platform.
    - This group will be given **access to a high-performance computing-cluster** in Germany for running LarKC on their own problems.

External parties (both academic and commercial) are welcome to contact us on this opportunity.

# How to find out more? How to contact us?



- **website**

- [project flyer](#)
- [mission and vision paper](#)
- [RSS feed](#)



- **contacts:**

- project coordinator: [Dieter Fensel](#)
- scientific director: [Frank van Harmelen](#)
- project manager: [Alice Carpentier](#)



- **students:** take part in the European Master Programme in Semantic Web



- **researchers:** become visiting researchers at any of the LarKC participating academic groups