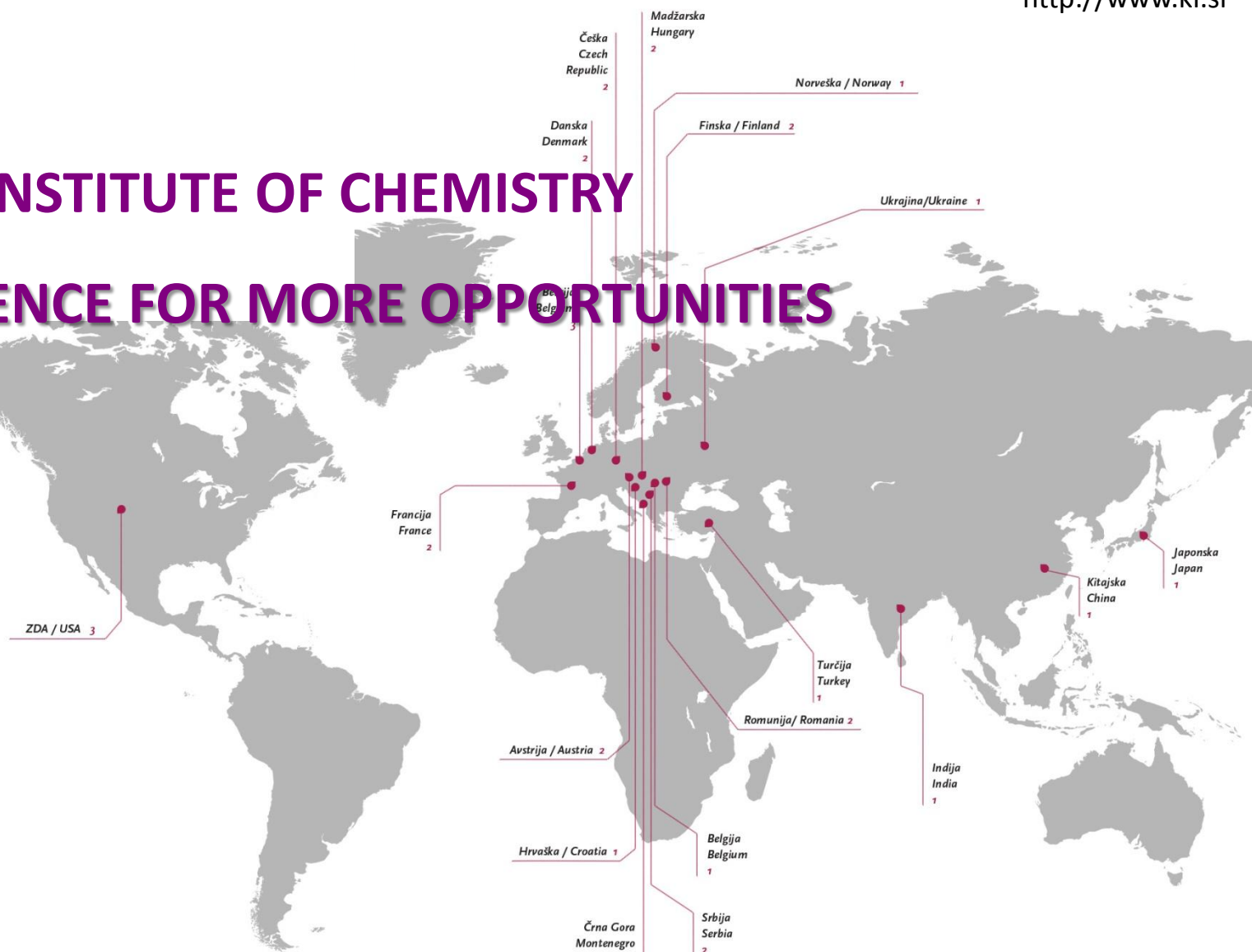


NATIONAL INSTITUTE OF CHEMISTRY

BETTER SCIENCE FOR MORE OPPORTUNITIES





<http://www.ki.si>

EFFICIENT EXPLORATION OF EU-FUNDS: EXAMPLE BY NIC

- ERDF 2007-2013: Pregel research centre
- ERDF 2007-2013: Centres of Excellence → large scale research equipment
- FP7: EUROLIS → research project
- H2020: EIT/KIC – INO-ENERGY (outreach): Tech-Trans

CONSTRUCTION OF PREGEL RESEARCH CENTER

How it all started?

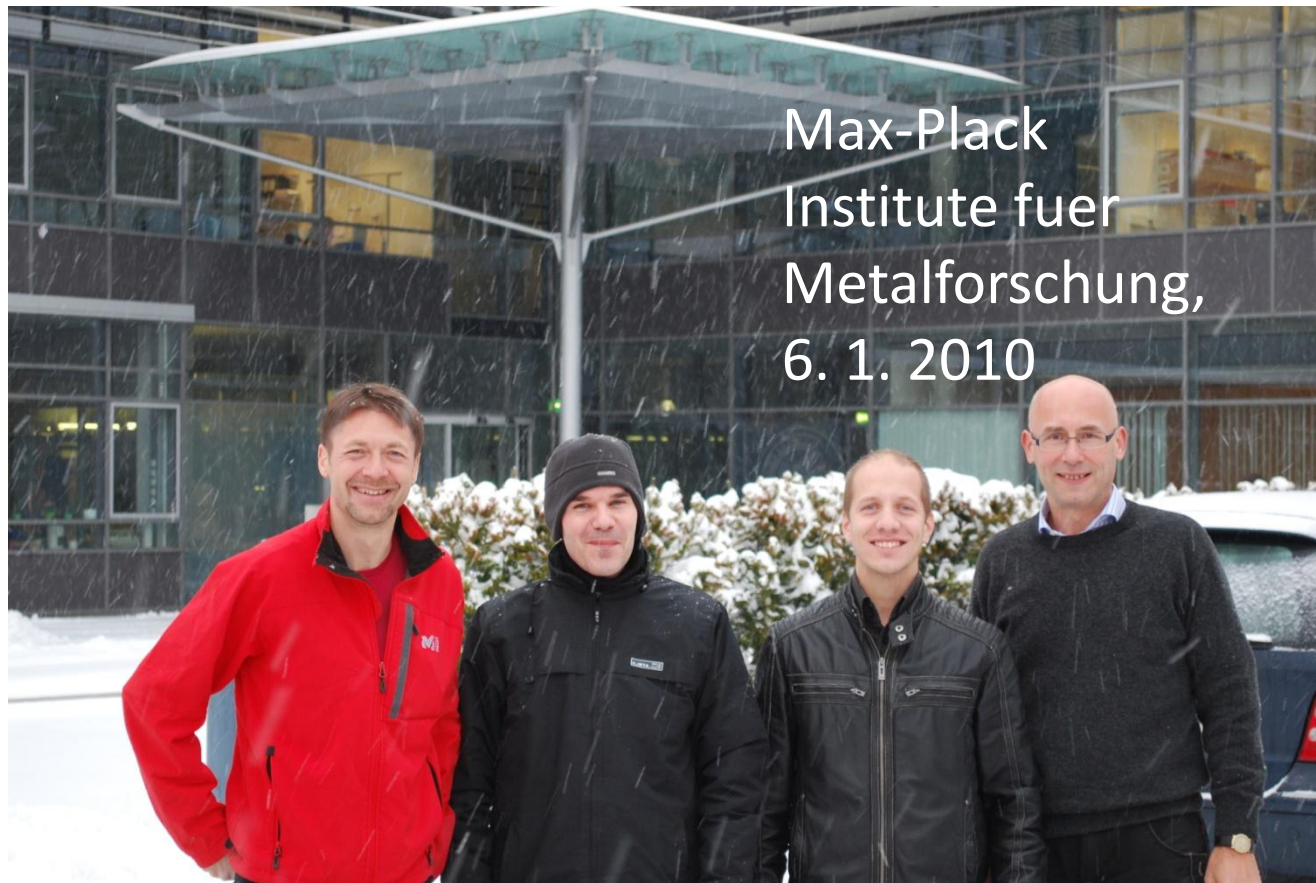
End of 2009:

- excellent perspectives for installation of large scale scientific instruments at NIC,
- no adequate labs available,
- optimistic „zeit-geist“ in Slovenia.



At the beginning of the project:

- check, how other people have solved similar problems



Timelines



7.1.2010

Choice of the architect



25.2.2011

Building permit

9.9.2011

1. phase started

28.2.2012

EU-funds approved



28.6.2013

New building completion ceremony

June 2011

First market analysis

3.5.2012

Open call

31.8.2012

Purchase contract signed

30.5.2013

Microscop delivered



Basic facts:

Estimated project termination: march 2013

Opening: **28. 6. 2013**

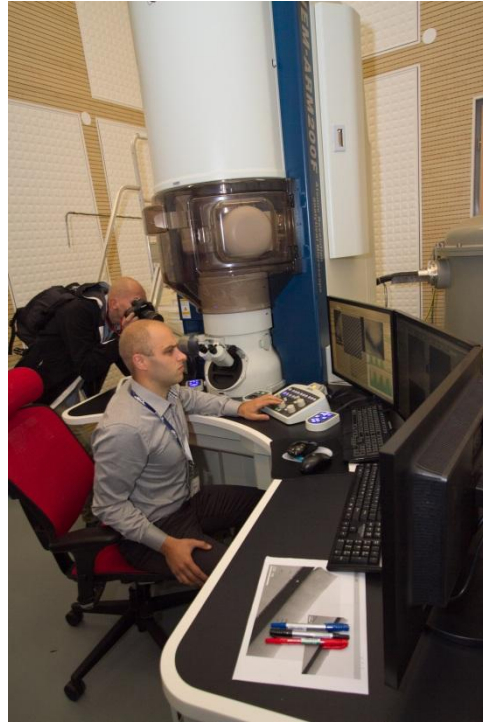
Estimated costs: 10 mio EUR

Real costs: **9.2 mio EUR**

Surface area (brutto): 3.800 m²

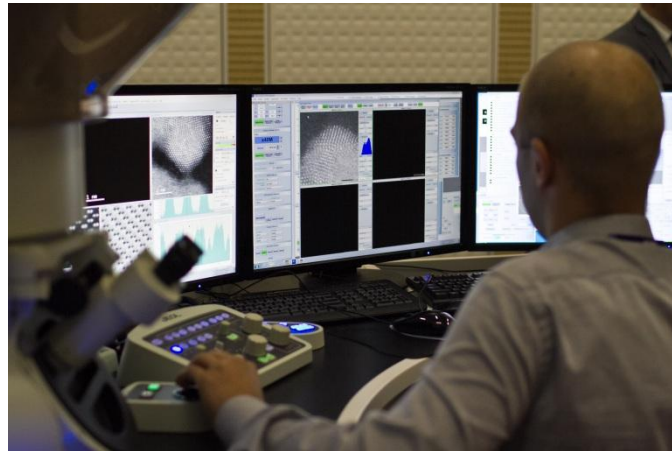
Within the duration of the project: 3 governments,
4 ministries.

Centre of excellence (CO-NOT)



High resolution
transmission electron
microscope

4.500.000 EUR



Centre of excellence (POLIMAT)



Matrix-assisted laser
desorption/ionisation
time-of-flight mass
spectrometer

1.000.000 EUR

Centre of excellence (ENFIST)



Agilent technologies DD2
600 MHz NMR
spectrometer

1.000.000 EUR

FP7: Li-Sulfur battery project

3.500.000 EUR

Academia and research institutions



5 countries, 11
partners



Industry



VOLVO



Conclusions

- Clustering of funds is essential
 - funds for the building
 - funds for the equipment
 - funds for the research

- Recommendations
 - Fully sustainable business model
 - HR – management

At the end of the project:

- Compare your results with others

Foundation: 200m deep.

Building was finished in one year.



We are on the right track, but should not rest.

ACKNOWLEDGEMENT

Operating team:

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Aljoša Trtnik
Edvard Mandič
Dušan Valič
Ajda Čeladin
Boštjan Genorio

Project documentation:

Arhitekturni biro ARCUS
Jana Habjan Piletič

Baudynamik:

Dieter Heiland

Funding: SI 2.2 mio EUR
 EU 6 mio EUR

Ministry of education science and sport:

Mitja Valič
Nina Kolenc
Srečko Kokalj
Zlata Ploštajner

Ministry of economic development and technology:

Nataša Oblak

Building permit:

Upravna enota Vič
ARSO
Neighbours

Construction:

Geo Invest
Makro 5
Kolektor koling
Sanolabor Wesseman
Atlas oprema

