



中华人民共和国国家发展和改革委员会  
National Development and Reform  
Commission



**CETREGIO**  
**Chinese - European Training in Regional Policy**  
**Regional Policy Dialogue with China**

A project of the Directorate General for Regional and Urban Policy (DG REGIO) of the European Commission in the framework of the European Parliament's preparatory action to enhance regional and local co-operation by promoting EU regional policy on a global scale

**Information Session N°2**  
**Danube Strategy and Regional Innovation**  
**Instruments and Practices**

**04 – 13 November 2013**

An event prepared for delegates of the  
National Development and Reform Commission (NDRC)  
People's Republic of China

**TECHNICAL REPORT**

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## 1. Programme Description

The programme was designed for 20 Chinese experts from several provinces that were supported by the project coordinator, a project assistant and an interpreter. The training session consisted of ten days of lectures, field visits and a final workshop. It started with a briefing session in Beijing.

On arrival in Europe, participants undertook field visits to Bavaria (Munich and Passau). The Free State of Bavaria is one of 16 German federal states (Bundesländer) located in the southeast of the Federal Republic of Germany. By the end of 2011, its total population was 12.59m, approximately 15.2% of national total. Its capital city is Munich. Bavaria is not only one of the most innovative regions of Europe, but also a key player in the Danube Strategy of the EU.

After the working visits in Germany, participants were transferred to Rome (Italy), capital of the Lazio region. With about 5.7 million residents and a GDP of more than 170 billion euros, Lazio is the third most populated region of Italy, and has the second largest economy of the nation. The regional innovation system is strong especially as regards the public components: universities, national research institutes, government.

Finally, participants were able to visit Linz, the capital of Upper Austria region. With an area of 11,980km<sup>2</sup> and 1.3m inhabitants, it is the fourth largest Austrian state by area and the third largest by population. The R&D sector in Upper Austria is mostly private. The share of business expenditure on R&D amounts to 89.7% compared to 69.5% on the national average (2009). The Upper Austrian industrial structure is characterised by the presence of many major industrial sectors, concentrated around the cities of Linz, Steyr, and Wels, and high research intensity.

## 2. Thematic background

This information session focused on two issues: the EU Strategy for the Danube Region (EUSDR) and the Regional Innovation. The EUSDR was adopted 2010 and aims at coordinating action by member states, regions, the EU, pan-Danube organisations, financing institutions and non-governmental bodies to promote a more balanced development of the region. The EUSDR is a united response to challenges affecting an area which stretches from the Black Forest to the Black Sea, including over 100 million inhabitants. The countries involved are Germany, Austria, Hungary, Czech Republic, Slovak Republic, Slovenia, Bulgaria and Romania) plus 6 non-EU countries (Croatia, Serbia, Bosnia and Herzegovina, Montenegro, Ukraine and Moldova). The Strategy focuses on environmental sustainability, economic prosperity, accessibility and attractiveness, energy connections. Several flagship projects have been proposed.

The course also dealt with regional innovation. Innovation policies stand at the core of the wider European development strategy **Europe 2020**, particularly since implementing the flagship initiative **"Innovation Union"** (2010). **Cohesion policy** plays a key role in the innovation field when "helping regions to implement regional innovation strategies and action plans which potentially can have a significant impact on competitiveness, both at regional level and in the Union as a whole"<sup>1</sup>. Especially through the European Regional Development Fund (ERDF), regions are empowered to **strengthen**

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<sup>1</sup> Regio Paper 02/2010, DG Regio

**regional innovation governance.** A recent study commissioned by the DG REGIO<sup>2</sup> notes that the role of the regions as stimulator and co-ordinator of regional innovation systems is crucial, while a good co-ordination between national and regional policies is necessary. However, there seems to be not a one-size-fits-all strategy for setting the best level of **decentralisation** to support regional innovation in each Member State.

### Regional Innovation and Competitiveness in China

Partly different than in Europe, in China innovation is **highly concentrated** in certain provinces like Beijing, Guangdong, Jiangxi and Shanghai. The factor behind this polarisation and the strong contrasts in innovative capacity between the Chinese provinces within China is fundamentally driven by **agglomeration forces**, linked to population, industrial specialisation and infrastructure endowment. Innovative areas in China, rather than generate knowledge spill overs, seem to produce strong backwash effects<sup>3</sup>.

Chinese regions that are more open to **external relations** are also more innovative when compared to regions that are less open. The high-income regions in China, often in the coastal area, have both high levels of globalization and innovation. For poorer regions, there is much less evidence that globalization of a region is associated with higher levels of innovation.

In its twelfth **Five-Year Plan (2011-2015)**, China lists the promotion of scientific and technological progress and innovation as a major tool for supporting strategic economic restructuring, while aiming to be the **world's scientific leader by 2050**. China's provinces and cities are keen to contribute to the drive towards innovation and several of China's companies have emerged as able innovators.

According to the **Innovation Scoreboard 2013**, the EU27 is performing better than China in most indicators<sup>4</sup>. Only in new doctorate graduates and R&D expenditure in the business sector China is performing better. China is lagging most in International co-publications, public-private co-publications, PCT patents in societal challenges and License and patent revenues from abroad. China's lead in R&D expenditure in the business sector has increased and its lead in new doctorate graduates has remained stable. China has decreased its gap most strongly for international co-publications, public-private co-publications, PCT patents and PCT patents in societal challenges. China's performance gap has only increased for license and patent revenues from abroad.

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<sup>2</sup> Study undertaken by the Danish Technology Institute

<sup>3</sup> See Crescenzi, R, Rodríguez-Pose, A and Storper, M. 2012. 'The Territorial Dynamics of Innovation in China and India'. London, Centre for Economic Policy Research

<sup>4</sup> This information has been compiled out of the Innovation Union Scoreboard 2013. The Report is available at <http://ec.europa.eu/enterprise/policies/innovation/facts-figures-analysis/innovation-scoreboard/>.

### 3. Programme Overview

Day	General Issues	Cities / Regions
Sunday, 03 November 2013	Briefing meeting in Beijing	Beijing (CN)
Day 1 - Monday, 04 November 2013	Flight Beijing > Frankfurt Flight Frankfurt > Munich Accommodation in Munich	Beijing (CN) – Munich (DE)
Day 2 – Tuesday, 05 November 2013	Morning: Meetings in Munich Transfer by bus to Passau (200km) Afternoon: Meetings in Passau Accommodation in Passau	Passau (DE)
Day 3 - Wednesday, 06 November 2013	Morning: Field visits in Passau Afternoon: Field visits in Passau region Accommodation in Passau	Passau (DE)
Day 4 - Thursday, 07 November 2013	Morning: Transfer by bus to Munich (200km) 18:55-20:25: Flight to Rome (Alitalia) Accommodation in Rome	Rome (IT)
Day 5 - Friday, 08 November 2013	Morning: Meetings in Rome Afternoon: Field Visits in Rome Accommodation in Rome	Rome (IT)
Day 6 - Saturday, 09 November 2013	Morning: Workshop in Rome Afternoon: Free Accommodation in Rome	Rome (IT)
Day 7 – Sunday 10 November 2013	06:30 – 07:15 Transfer to the airport 09:15 – 10:50 Flight to Munich 11:30 – 14:30 Transfer by bus to Linz (270km) Accommodation in Linz	Rome (IT) – Munich (DE) - Linz (AT)
Day 8 - Monday, 11 November 2013	Morning: Meetings with regional authorities in Linz Afternoon: Field visits Accommodation in Linz	Linz (AT)
Day 9 – Tuesday, 12 November 2013	Morning: Transfer to Munich by train 10:50 – 12:00 Linz-Frankfurt 17:00 Flight Frankfurt-Beijing	Munich (DE) – Beijing (CN)
Day 10 - Wednesday, 13 November 2013	09:30 Arrival in Beijing	

#### 4. Objective of the information session

The information session was designed to achieve the following immediate objectives:

1. To raise awareness of the participants on the key principles of European regional policy;
2. To enable participants to understand the new concepts provided by the specific policy instruments aimed at achieving sustainable urban development in Europe;
3. To discuss with participants the problems that may arise in the implementation of specific provisions in the light of European and Chinese realities.

In addition to that, the overall project is designed to contribute to disseminating the experience gained during the information sessions (multiplier-effect).

#### 5. Methodology

The information session was based on a sound mix of lectures and study visits. The approach included three phases:

1. During the preparatory phase, interests and preferences of DG REGIO were actively requested by GIZ. Once the schedule had been approved by DG REGIO, participants received preparatory information 4 weeks before training, including an overview of the programme.
2. The implementation phase started already in Beijing with a half-day briefing session. A particular feature of the implementation was to promote dialogue and reflection among participants through a workshop on the last day. During this session participants were asked to compare acquired knowledge on the European situation with their own realities.
3. The reporting and dissemination phase ends with this technical report aimed at communicating the results of the session to a wider community.

With regard to the methods applied during the information sessions, these included class-room sessions with enough time for presentations, (consecutive) interpretation and discussion between participants and speakers. Field visits allowed participants to see on the spot the diversity and complexity of regional policy in Europe, as well as to understand the implementation and management of EU co-funded projects. Interactive participation was ensured through the half-day closing workshop allowing participants to apply the contents of the course to their own regional development challenges.

Through the practice-oriented wider capacity building approach combining lectures, discussion and field visits, the event promoted active commitment of participants during its entire duration. This was achieved by a sound coordination with speakers to deliver concise presentations and lectures, leaving enough room for discussion and facilitating the mutual exchange of experience between European and Chinese regional policy experts.

## 6. Detailed programme

### Day 1 - Sunday, 03 November 2013

#### Briefing Session in Beijing

Venue: Hotel Guoyi (No.1 Wenxing East Street, Xicheng District, Beijing).

12:30 Lunch (Yiyue Hall, 1st Floor, Guibin Building - 贵宾楼一层谊悦厅)

14:00 Welcoming words by Department of Regional Economy, NDRC

14:30 Session 1: Programme introduction

Lecturer: Pablo Gándara, Project Coordinator for GIZ

16:00 Coffee Break

16:30 Session 2: Urbanisation in China and Rural-Urban Linkages in Europe – an Introduction

Lecturer: Mr Christian Junge, Senior Expert, Urban Logic

17:30 Session 3: Group discussion about the allocation of tasks

Lecturer: Mr Zhou Yiren, Director, Regional Economy, NDRC

18:30 Dinner (Yiyue Hall, 1st Floor, Guibin Building - 贵宾楼一层谊悦厅)

Accommodation at Guoyi Hotel

### Day 2 – Monday, 04 November 2013

#### Travel Day

11:30 – 15:00 Flight Beijing – Frankfurt (LH0721)

16:00 – 17:05 Flight Frankfurt – Munich (LH0112)

18:00 – 20:00 Check-in and Dinner

Accommodation: InterCityHotel Munich, Steigenberger Hotel Group, Bayerstrasse 10, München, Tel.: +49 89 839329-200

### Day 3 – Tuesday, 05 November

#### Working sessions in Munich and Passau

09:30 Session 3: The EU Danube Strategy and Regional Policy in Bavaria

Lecturer: Mr Markus Theuersbacher, Deputy Director EU Policy and International Relations, Bavarian State Chancellery (Munich)

11:00 Transfer by bus to Passau

13:00 Lunch with local authorities in Passau (Economic Promotion Agency, Mr Günther Heppner)

14:30 Session 4: Visit of the newly conceived Roman Museum Kastell Boiotro (ERDF-project)

Lecturer: Dr Jörg-Peter Niemeier

15:45 Session 5: Visit of the Passau Cathedral as a symbol for the Danube region

Lecturer: Dr Ludger Trost

Info: [www.bistum-passau.de/dom-st-stephan](http://www.bistum-passau.de/dom-st-stephan)

Transfer to the city hall

16:30 Session 6: The ERDF programme Baroque Art and Culture in the Danube Area

Lecturer: Mr Adolf Hofstetter

Info: [www.barockimdonauraum.ev](http://www.barockimdonauraum.ev)

17:30 Session 7: The Europe Region Passau-Moldau

Lecturer: Ms Barbara Daferner

Info: [www.euoparegion-donau-moldau.at](http://www.euoparegion-donau-moldau.at)

18:30 Dinner in Passau

Accommodation: Hotel Residenz, Fritz-Schäffer-Promenade 6, 94032 Passau, Tel.: (+49) 0851-98 90 2-0

<b>Day 4 – Wednesday, 06 November</b> <b>Working sessions in Passau</b>
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09:00 Departure from Hotel Residenz

10:00 Session 8: Visit of the Energy Technology Centre in Ruhstorf ad Rott

Lecturer: Dr. Reinhart Schwaiberger

Information: [www.haw-landshut.de/die-hochschule/technologiezentrum-energie.htm/](http://www.haw-landshut.de/die-hochschule/technologiezentrum-energie.htm/)

11:00 Return to Hotel Residenz in Passau

13:00 Lunch Break

13:30 Guided tour of Passau ([www.tourismus-passau.de](http://www.tourismus-passau.de))

15:30 Departure to Hutthurm

16:30 Session 9: Innovative Brewing Technology: Brewery Hutthurm,

Lecturer: Mr Markus Kapfenberger, Director

Information: [www.hutthurmer.de](http://www.hutthurmer.de)



18:00 Dinner in Hutthurm

19:00 Transfer to Passau

Accommodation: Hotel Residenz, Fritz-Schäffer-Promenade 6, 94032 Passau, Tel.: (+49) 0851-98 90 2-0

**Day 5 – Thursday, 07 November**  
**Travel Day**

09:00 – 11:00 Transfer by bus to Munich

11:00 – 12:30 Guided Tour in Munich

12:30 – 13:30 Lunch

13:30 – 15:00 Free

15:00 – 15:45 Transfer to the Airport

18:55 – 20:25 Flight to Rome Fiumicino (Alitalia 433)

21:00 – 22:00 Transfer to the Hotel

Accommodation: Hotel Mercure Roma Corso Trieste, Via Gradisca 29, Rom, Tel.: +39 06 852021

**Day 6 – Friday, 08 November**  
**Working Sessions in Rome**

08:30 Transfer by bus to the Tecnopolo area

09:30 Session 10: Field Visit to Roma Ricerche (Polo Tecnologico Industriale Romano).

Lecturers: Mr Lino Fiorentino (CEO of the Consortium)  
Ms Angela Ciancia, Head of Services and SME Cooperation, Tecnopolo SpA.

10:30 Session 11: Field visit to ITech Regional Incubator (ERDF co-funded)

Lecturers: Andrea Cosentino, Start-Ups Tutor  
Presentation two companies interested in Chinese market

12:00 Transfer to Rome centre

13:30 Lunch with local authorities

Afternoon: Seminar at the Representation Office of the European Union in Rome

15:00 Session 12: Regional Innovation and EU Policy in Italy: Case Study Lazio Region

Lecturer: Mr Carlo Rossi, Director Decentralised Cooperation, Region of Lazio

15:30 Session 13: New tools to strengthen collaboration between SMEs

- Lecturer: Ms Enrica Bagnolini, International Department Manager (Sviluppo Lazio)
- 16:00 Session 14: Financial methodologies and tools for territorial innovation development
- Lecturer: Mr Andrea Romagnoli (FILAS)
- 16:30 Session 15: The BIC network: encouraging innovative start-ups
- Lecturer: Manuela Giacobbi, Head of Business Department (BIC Lazio)
- 17:00 Session 16: ARSIAL and the three paths challenges for innovation in agriculture
- Lecturer: Mr Claudio Carrano, Rural Systems Service (ARSIAL)
- 17:30 Discussion & Conclulsion
- 18:00 Conclusions by Mr Pablo Gándara (Project Coordinator CETREGIO)
- 18:30 Dinner
- Accommodation: Hotel Mercure Roma Corso Trieste, Via Gradisca 29, Rom, Tel.: +39 06 852021

#### **Day 7 – Saturday, 09 November**

- 09:00 – 13:00 Mid-Term Workshop
- Lecturer: Mr Pablo Gándara
- 13:00 – 14:00 Working Lunch
- 14:00 – 17:00 Cultural programme
- 18:00 Dinner

Accommodation: Hotel Mercure Roma Corso Trieste, Via Gradisca 29, Rom, Tel.: +39 06 852021

#### **Day 8 – Sunday, 10 November**

Travel Day

- 06:30 – 07:15 Transfer to the airport
- 09.15 – 10:50 Flight Rome - Munich
- 11:30 – 14:00 Transfer Munich – Linz (270 km)
- 19:00 Check-in and dinner

Accommodation: City-Hotel Linz, Schillerstr. 52, Linz, Tel. +43 732 778441

**Day 9 – Monday, 11 November**  
**Working sessions in Linz**

- 09:00 Session 17: Regional Innovation in Europe – Case Study Upper Austria  
Lecturer: Mr Bruno Lindorfer, Director, Technology Agency Upper Austria ([www.tmg.at](http://www.tmg.at))
- 10:00 Session 18: ERDF in Upper Austria and the EU Danube Strategy  
Lecturer: Ms Sigrid Winkler, Programme Manager EU Danube Strategy and Innovation, Technology Agency Upper Austria
- 12:00 Joint Lunch
- 13:00 Transfer by Bus to the University of Linz
- 13:30 Session 19: Field visit to the company RECENDT ([www.recendt.at](http://www.recendt.at)).  
Lecturer: Dr Peter Burgholzer, CEO
- 14:30 Transfer to Hagenberg
- 15:00 Session 20: Field visit to the Software Park Hagenberg ([www.softwarepark.at](http://www.softwarepark.at))  
Lecturer: Ms Irene Pechböck, Marketing & PR Software Park Hagenberg  
Mr Thomas Haudum, RISC Software GmbH ([www.risk-software.at](http://www.risk-software.at))  
Ms Ulrike Wingelhofer, STIWA Group AG ([www.stiwa.com](http://www.stiwa.com))
- 16:30 Transfer to Linz
- 18:00 Dinner in Linz
- Accommodation: City-Hotel Linz, Schillerstr. 52, Linz, Tel. +43 732 778441

**Day 10 – Tuesday, 12 November**

- 08:30 – 09:00 Transfer to the airport Linz
- 10:50 - 12:00 Flight Linz – Frankfurt
- 17:00 – 09:30 (+1 day) Flight Frankfurt - Beijing

## 7. Summary of the working sessions

### Sessions in Beijing

The programme started with a briefing session in Beijing. After an introduction to the EU regional and urban policy by the project coordinator, Mr Zhou Yiren, Director at the Department for Regional Economy of NDRC delivered a welcoming speech. He introduced the training cooperation programme CETREGIO as one of the pillars of the EU-China Regional Policy Dialogue and noted that since 2010 more than 120 Chinese officials have received training in Europe and China. Mr Zhu explained that although China has achieved a unique economic development, regional disparities remain large. He stated that China has developed an index to more accurately measure regional disparities. However, the index still needs to be further improved based on European Union's regional policy experiences. Mr Zhou finally introduced the members of the delegation travelling to Europe.

Mr Pablo Gándara, coordinator of CETREGIO, delivered a presentation on the EU regional policy, focusing on regional innovation and the Danube Strategy of the European Union.

Mr Christian Junge, a Beijing based architect and urban planning expert, delivered an introduction to the urban-rural linkages and related policies in the European Union. He referred to the territorial agenda of the European Union since the Lisbon Treaty as well as to the striking regional imbalances regarding population, economic growth and unemployment. He referred to inter-regional and inter-city cooperation as well as to the urban-rural and peri-urban cooperation. EU's policy instruments promote a polycentric territorial development; encourage the integrated development in cities and rural regions, and aim at transforming cross-border regions to functional regions. Mr Junge noted that territorial cohesion does not mean equalisation, but coordination and (coordinated) differentiation. With regard to the urban-rural partnerships, Mr Junge explained soft and strong coordination in areas like transportation, land use, service infrastructure, environmental protection and migration. Focusing on examples of England and Germany, Mr Junge illustrated the success factors for urban-rural partnerships, including political support, common identity, equal representation, a critical mass of projects and funding. He also showed some polycentric city networks in Europe.

### Sessions in Germany

Work in Germany started in Munich. Mr Markus Theuersbacher gave an overview of the Bavarian influence in European policy making, especially on regional policy issues. As one of the strongest EU regions, Bavaria advocates for a further EU funding of competitive European regions, rather than concentrating all EU funds on weaker areas. He then referred to the macro-regional EU Danube Strategy as a voluntary agreement of the countries and regions in a definable geographical area (14 countries, 100 million inhabitants) about common strategic objectives. There are huge economic disparities within the region. The strategy aims at strengthening regional identity and to create new levels of governance and cooperation. Regions are committed to cooperate and coordinate actions since they share a number of common issues. The strategy addresses these various topics through 4 pillars organized in 11 priority areas. Mr Theuersbacher explained that for the implementation there

are has 3 main conditions: no new legislation, no new institutions and no new money. Regions are called to better align existing funding, coordinate more efficiently existing instruments and develop new ideas for cooperation. Discussion with Chinese delegates focused on the selection criteria for projects, the role of regions in defining the priority areas and the action plans and similar mechanisms of cooperation in China (for instance alongside the Yangtze River and Pearl River).

The programme in Passau started with a field visit to the Roman Museum Biotro. Dr. Jörg-Peter Niemeyer explained to the Chinese experts the importance of the museum for the development of tourism and culture and for the attractiveness of the city. The museum presents archaeological finds from the East Bavarian region from the Stone Age through the subsequent Metal Age, the Roman period, the Middle Age until the modern time. The new conception of the exhibition has been co-funded through ERDF within the EU-Danube Strategy (priority cultural heritage and tourism). Chinese delegates were then transferred to City Hall, where they first met Mr Adolf Hofstetter, Director of the project Baroque Art and Culture in the Danube Region. This is a project of the city of Passau in the framework of the EU Strategy for the Danube Region. The project established Bavarian-Austrian cooperation in cultural, scientific and tourism development. By using the cultural heritage of the Danube region of the 17th and 18th Century, both countries aim to deepen and take advantage of tourism opportunities. Discussion with Chinese delegates focused on the Baroque influence in China, the cross-border cooperation programmes in China and the importance of culture as a factor for economic development.

Chinese participants also met Ms Barbara Dapfner, manager of the European Region Danube-Moldova. This functional region – formally established in June 2012 - covers a population of 6 million inhabitants in Germany (Bavaria), Czech Republic (Bohemia) and Austria (Upper Austria). A large number of cooperation projects have been launched in the areas like research & development, renewable energy and energy efficiency, industry clusters, tourism, mobility, culture, social development and education. Projects are mostly co-financed with support of the ERDF. Several participating municipalities and sub-regions have established networks across borders, increasing the attractiveness of the whole region. Ms Dapfner explained that though the newly created Regional association, the cross-border interests of municipalities can be better catalyzed at the European level. Chinese delegates asked about the differences of Euroregions with metropolitan and peri-urban regions, the role of the Danube Strategy for the regional association and some concrete projects on building networks of clusters.

On the next day, Chinese delegates were transferred to the Technology Centre Energy (TZE) of the University of Landshut in Ruhstorf, a small town close to Passau. Mr Josef Huber, from the business administration department explained to the Chinese experts the role of TZE for regional innovation and regional development. The TZE is a branch of the University of Landshut. The structure of the research and development facility is financed by the Bavarian State. The market town of Ruhstorf ad Rott and the district of Passau support the active center by providing the necessary technology transfer surfaces. The center was launched 2011 and aims at creating regional added value to the rural area of south-east Bavaria. The TZE provides laboratory capacity for electrical engineering, especially for the development of lithium cell production. It is also a demonstration site for Decentralized Energy Systems and develops energy efficiency services for adjacent municipalities

and industries. The CEO of the centre, Dr. Reinhardt Schwaiberger took the Chinese participants to a site tour to the laboratories and energy saving devices. Discussions with Chinese experts centred on the incubation role of the TZE for start-ups, the cooperation of municipalities and the provincial government for funding the centre, possible EU-projects to be run by the TZE, cooperation possibilities with universities and research centres in China.

On the afternoon, Chinese participants visited a brewery in Hutthurm, a small village close to Passau. The manager of the site, Mr Markus Kapfenberger, explained to Chinese participants the importance of the middle-sized brewery for the region and shown some innovative products that could be exported to China.

### Sessions in Italy

On the next day, Chinese participants started full-day training in Rome. The first meetings took place at the Technology Park *Tecnopolo Tiburtino* in the north of the city. Rome's technology park system was conceived with the objective of creating organized areas capable of attracting high-tech companies and projects, in order to increase and improve development and employment rates in the Rome metropolitan area. Dr Angela Ciancia, Head of Services and SME Cooperation, explained that Tecnopolo Tiburtino is situated on a property of about 70 hectares close to the industrial district hosting Italy's most important aerospace and electronics companies. The area is well connected with the railway and subway systems, and can be reached easily from the international airports of Fiumicino and Ciampino. The Tecnopolo Tiburtino site supports local SMEs through convenient real estate solutions and technology development services. More than 100 companies are located in the park area, especially from the aerospace, energy, ICT and mechanical engineering.

The park is run by the Research Consortium Roma Ricerche (CRR), whose director (Mr Lino Fiorentino) explained the company's structure and main focuses. The RRC is a non-profit organization made up of private and public entities, in order to achieve institutional linkages between the university and industry and to promote the transfer of innovative technologies and support the competitiveness of the industrial system. With the experience gained over the years, the CRR has well-established partnerships with national and European partners, mainly within the Framework Programmes for Research and Technological Development of the European Union. CRR is also involved in the Regional Innovation Strategy (RIS) of the Lazio Region. Professor Carlo Giovanella, Scientific Director of the Creative Industries Cluster of CRR, delivered a presentation about smart-city solutions developed at Roma Ricerche. Ms Manuela Bistolfi, Manager for EU Projects, presented some results of innovative projects developed under within the framework programme already mentioned.

Chinese participants also had the chance to visit the ITech, a regional start-up incubator co-funded by the Regional Government partly through ERDF means. Ms Andrea Cosentino, Start-Ups Tutor, explained that BIC Lazio supports the development of the region through the creation of new businesses and the expansion of existing ones. Due to its extensive experience and presence in the region, is able to listen to the demands of the local economy and transfer them to those who intends to initiate new activities. Chinese participants visited the facilities of the start-ups (offices, common creative areas, etc.) and met two innovative start-up interested in developing commercial and research

ties with China: Overttechnologies ([www.overttechnologies.com](http://www.overttechnologies.com)) for home automation system and SmartEye ([www.smart-interaction.com](http://www.smart-interaction.com)) is the new intelligent system to reduce the energy consumption for public lighting and to provide interactive services for Smart City.

In the afternoon, participants had a half-day seminar at the Representation of the European Union in Rome. Mr Carlo Rossi, Director for Decentralised Cooperation at the Region of Lazio, introduced some basic facts about the region, one of the most developed of Italy and Europe. With regard to innovation, Lazio is home to most of Italy's public research institutes (23% of the country's researchers work here). One of the Lazio Region's major strengths is represented by its network of industrial districts and local production systems. Lazio Region manages EU structural funds and is directly and indirectly involved in numerous European projects. The Regional Operational Programme 2007-2013 has a budget of € 743.5 million and is mainly focused on research, innovation and strengthening the productive base.

Ms Enrica Bagnolini, International Department Manager at the regional development agency Sviluppo Lazio, explained some new tools to strengthen collaboration between SMEs. Sviluppo Lazio is the in-house company of the Lazio Region for the implementation and management of the development policies for local actors like enterprises, local authorities and citizens. It was founded in 1999 and today it has 137 employees with an annual turnover of 20 Million of euro. 80% of the company shares belong to Lazio Region, and the remaining 20% to the Chamber of Commerce of Rome. Ms Bagnoloni explained that Sviluppo Lazio is working on a new and innovative concept of productive cluster. He stated that, in fact, the old definition of industrial cluster is not more valid and useful to describe the regional productive system. Nowadays territorial company networks are transversal and extremely flexible. He stated that a peculiarity of the Italian and regional productive systems is the presence of small and micro companies with 4/5 employees that represent the majority. These companies require support by the regional actors in order to develop common projects and prosper. Financial support is provided through calls for proposals at the agency's website ([www.sviluppo.lazio.it](http://www.sviluppo.lazio.it))

Mr Andrea Romagnoli, Project Manager at the Financial Investment Agency of the Regione Lazio (FILAS), explained its mission in assisting the Regional Government in innovation policy programming and providing tools for the modernization of regional SMEs. Filas manages tools related to innovation, new technologies and the net economy in order to strengthen the competitiveness of regional SMEs both in terms of regional product growth and external investment incentives. Mr Romagnoli explained the management of European funds within the framework programme, the ERDF's ROP for Lazio and the cooperation in the smart specialisation forum. He also gave some examples of projects in the so called DTC district (culture, tourism and technology).

Ms Manuela Giacobbi, Head of Business Department at BIC Lazio, explained the innovative support for start-ups in the region. Business Innovation Centres were created almost 20 years ago by the European Commission to support innovation, entrepreneurial development and employment in local economies. BIC Lazio was created in 1990 by the Lazio Region and is the regional agency responsible to encourage local development through the promotion of an entrepreneurial culture and support the creation and development of business initiatives. BIC Lazio is one of the 7 Italian incubators certified to support innovative start-ups in areas including food chains; high tech industry and space applications; culture and creative industries; energy efficiency and alternative energy. BIC

Lazio is part of the European BIC Network (EBN) and the Enterprise Europe Network (EEN). Ms Giacobbi explained the focus on training activities for start-ups and the incubation support centres for start-ups (one of which had been visited by the Chinese participants in the morning).

The seminar's last presentation dealt with innovation in the agriculture. Mr Stefano Carrano, manager at the Regional Agency for Agriculture Innovation (ARSIAL), explained some support policies to improve the performances of small, not very integrated farms. He also explained some European Trends on farming innovation, including the European Innovation Partnership (EIP) launched 2012.

### Sessions in Austria

The working sessions in Linz included meetings at the Technology Agency of Upper Austria (TMG) and visits to innovative companies in Linz and Hagenberg. Mr Bruno Lindorfer, CEO at the TMG explained some basic facts about the region. Upper Austria is one of the wealthiest regions of Europe and has an unemployment rate of 4.7%. The region has highly qualified and motivated personnel, a strong industrial base (it is the leading Austrian region regarding technological export and patents), well balanced economic structure (mix branches & sizes). It is also a leading innovation region in Europe and its geographic position (In the heart of Europe) allows for efficient transport infrastructure. The region is also deeply integrated with Central and Eastern Europe. Mr Lindorfer explained the regional innovation strategy that concentrates resources on six focus areas: mechatronics, information and communications technology, life sciences, innovative materials, logistics and energy. The TMG is a think tank and coordinator of activities of the region of Upper Austria regarding economic growth, prosperity and the creation of new jobs. As such, it is in charge of developing the strategic economic and research programme INNOVATIVE UPPER AUSTRIA 2020, with more than 50 Mio € annually regional investments on innovation projects. Mr Lindorfer also referred to the Horizon 2020 programme and the great opportunities for collaboration on innovation with China.

Chinese participants asked about the governance system of regional innovation in Upper Austria, the cooperation between companies and public bodies in defining the regional innovation strategies, the selection criteria for projects to be promoted through the regional agency, the internationalisation of clusters and overall effect of public investment in the regional economy.

Mr Lindorfer's presentation was followed by a speech by Dr Sigrid Winkler about the role of Upper Austria in the EU Danube Strategy. The region is charge of creating networks between clusters in the Danube area. DanuClus is the response of the Working Group "Clusters of Excellence" to the new EU funding period 2014-2020. It will coordinate projects for a wide target audience of clusters in the Danube Region. Ms Winkler also explained the overall impact of ERDF on regional innovation activities in Upper Austria. On the afternoon, Chinese participants visited the RECENDT (Research Center for Non Destructive Testing GmbH). The innovative company has on-the-edge technologies non-destructive testing of materials, contactless material characterization, quality control and quality assurance for products & processes as well as prototype construction for contactless sensors. Participants also visited the Hagenberg Softwarepark, a spin-off of the University Linz. It has 12 research facilities, 60 IT companies, 1.560 students and 1.000 employees.



## 8. Composition of the Chinese delegation

<b>Delegates from NDRC participating at the China-EU Training in Regional Policy (CETREGIO) – Various European Locations - from 04 to 12 November 2013</b>				
<b>N°</b>	<b>Name</b>	<b>Gender</b>	<b>Institution</b>	<b>Position</b>
1	Wang Xinhuai	Male	National Development and Reform Commission (NDRC)	Director-General
2	Yang Yinkai	Male	National Development and Reform Commission (NDRC)	Director
3	Gao Wei	Male	National Development and Reform Commission (NDRC)	Officer
4	Pang Hong	Male	Guizhou Development and Reform Commission	Vice-Director
5	Zheng Liping	Female	Heilongjiang Development and Reform Commission	Director-General
6	Wang Jingyou	Male	Jilin Development and Reform Commission	Vice Director-General
7	Liu Guoxiang	Male	Fujian Development and Reform Commission	Director
8	Zhang Yongnan	Male	Guangdong Development and Reform Commission	Director
9	Gu Wanjun	Male	Guangdong Development and Reform Commission	Director
10	Li Changping	Male	Guangzhou Development and Reform Commission	Officer
11	Pang Huang	Male	Guangxi Development and Reform Commission	Vice Director-General
12	Wei Hanquan	Male	Guangxi Development and Reform Commission	Vice-Director
13	Zhong Guilian	Female	Guangxi Development and Reform Commission	Officer
14	Wang Hui	Male	Chibi City Development and Reform Commission, Hubei	Director
15	Li Qinggong	Male	Hubei Development and Reform Commission	Director
16	Ma Zhongxing	Male	Hubei Economic Commission	Vice Director-General
17	Lan Xiaoping	Female	Sichuan Development and Reform Commission	Vice-Director
18	Tao Jianfeng	Male	Sichuan Development and Reform Commission	Director
19	Dai Kunhong	Male	Sichuan Development and Reform Commission	Officer
20	Liu Yibing	Male	Henan Development and Reform Commission	Officer
21	An Limin	Male	Tianjin Development and Reform Commission	Vice-Chairman

## 9. Documentation provided to the participants

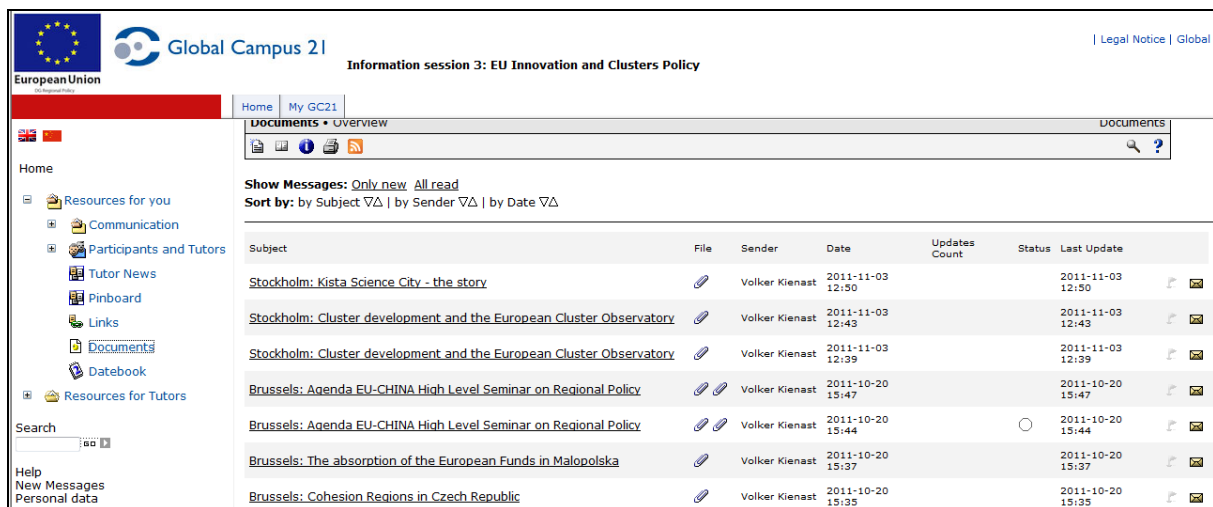
Detailed documentation folders were handed out to the participants in their introductory session in Beijing. The folders included:

- Programme
- Background material on EU-China Regional Policy Dialogue, EU Cohesion Policy 2007-2013.
- Background material on the relevant Operation Programmes (OPs) to be visited
- Background material on lectures and presentations

## 10. E-Learning platform Global Campus 21 ©

Most presentations held during the two-week training were uploaded to Global Campus 21® (GC21), GIZ's virtual learning platform on the Internet. It is based on a learning management system using modern web technology.

For this information session, a shared workspace was established in English and Chinese. This provides various online tools, such as chat & discussion forums, pin board, document pools, link collections, and mailing features. The platform also provides further relevant information on technical aspects, cultural background and general information on the diverse EU destinations that were visited.



Information session 3: EU Innovation and Clusters Policy

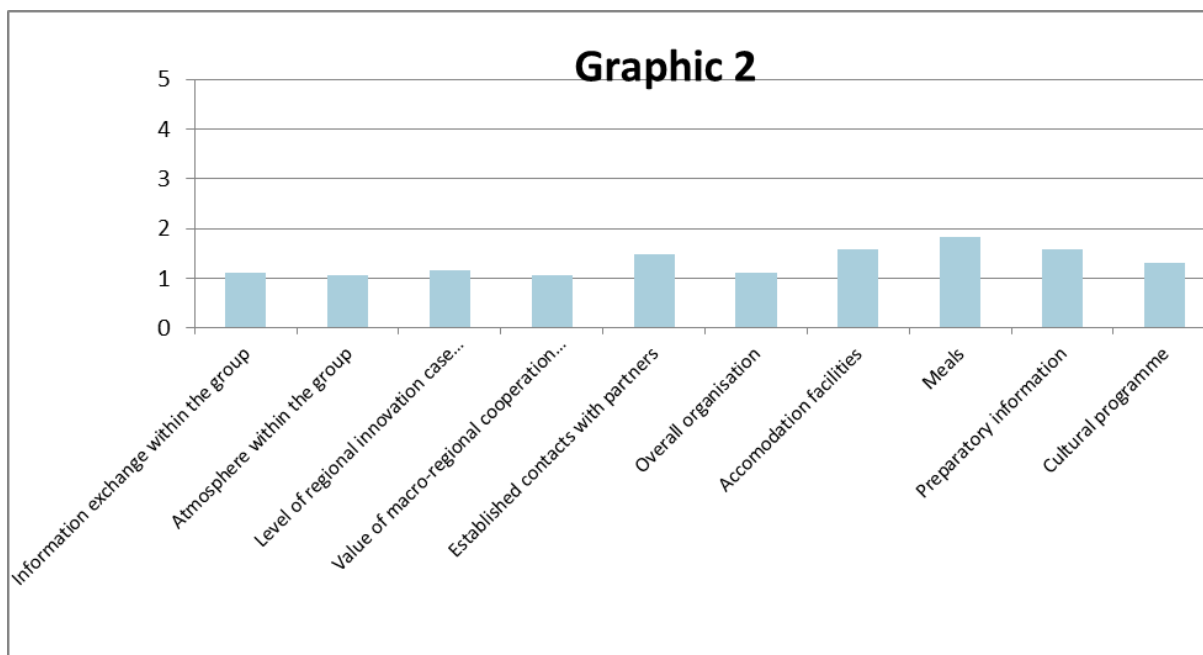
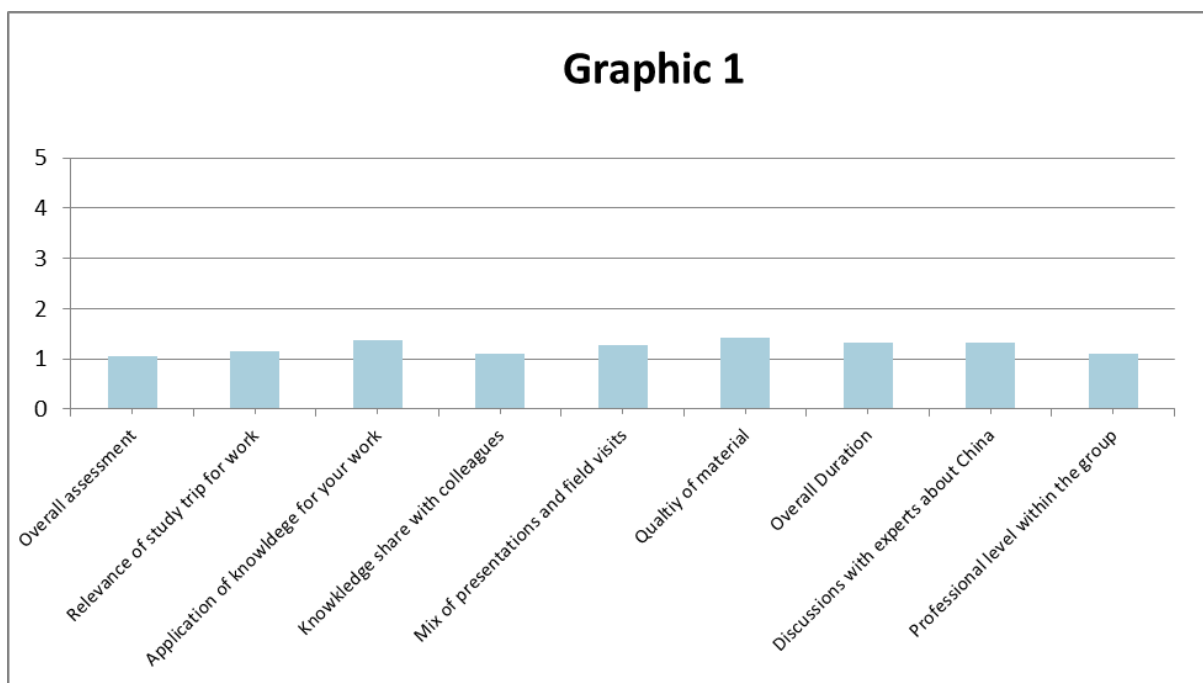
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<a href="#">Stockholm: Kista Science City - the story</a>		Volker Kienast	2011-11-03 12:50			2011-11-03 12:50
<a href="#">Stockholm: Cluster development and the European Cluster Observatory</a>		Volker Kienast	2011-11-03 12:43			2011-11-03 12:43
<a href="#">Stockholm: Cluster development and the European Cluster Observatory</a>		Volker Kienast	2011-11-03 12:39			2011-11-03 12:39
<a href="#">Brussels: Agenda EU-CHINA High Level Seminar on Regional Policy</a>		Volker Kienast	2011-10-20 15:47			2011-10-20 15:47
<a href="#">Brussels: Agenda EU-CHINA High Level Seminar on Regional Policy</a>		Volker Kienast	2011-10-20 15:44			2011-10-20 15:44
<a href="#">Brussels: The absorption of the European Funds in Malopolska</a>		Volker Kienast	2011-10-20 15:37			2011-10-20 15:37
<a href="#">Brussels: Cohesion Regions in Czech Republic</a>		Volker Kienast	2011-10-20 15:35			2011-10-20 15:35

## 11. Results of the written evaluation by the participants

Participants received an evaluation form to be filled anonymously during the seminar's closing session. The form contained several categories including contents, logistics and assistance. Participants were also able to comment on the seminar. The quantitative results of the assessments are presented in this page. The scale goes from 1 (excellent) to 5 (poor).



## 12. Pictures Gallery



Meeting at the Bavarian State Chancellery



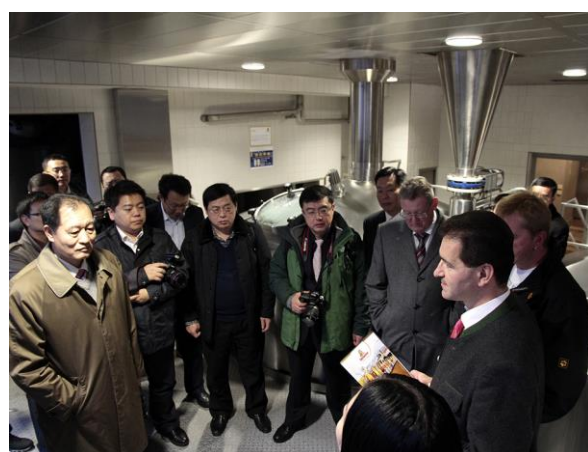
Museum's visit in Passau (ERDF project)



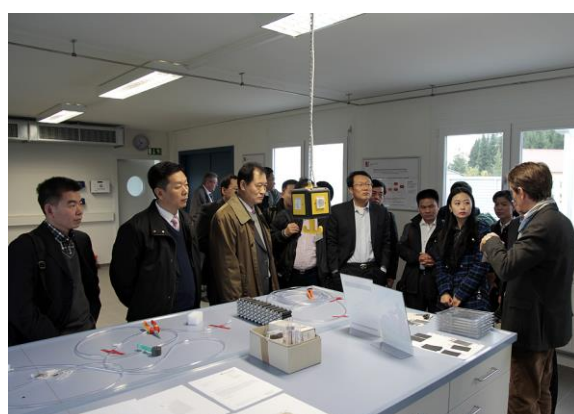
Speech by Ms Barbara Daferner, Europe Region Danube Moldova, Passau



Discussions at the City Hall of Passau



Visit of the innovative at brewery processed at Hutthurm



Visit at the Energy Technology Centre, Technical University Landshut



Dr Schwaiberg and Chinese delegates at the Energy Technology Centre, Bavaria



Speech by Ms Manuela Bistolfi, Innovation Department, Roma Ricerche



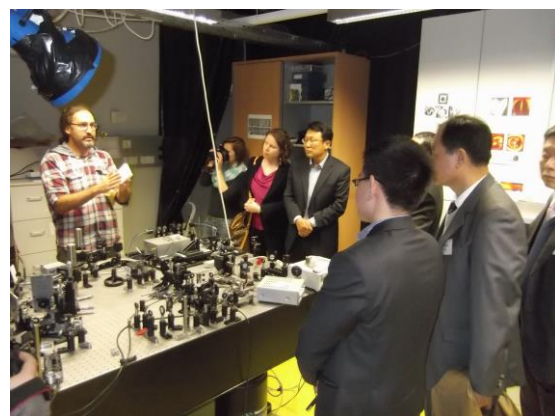
Group picture with Italian workshop's experts at the EU representation in Rome



The Innovation Centre ITech at BIC Lazio



Speech by Mr Bruno Lindorfer, CEO of TMG Upper Austria, Linz



Visit of research laboratory of the company RECENTD at the University of Linz