



**Promoting academia-industry alliances
for R&D through collaborative and
open innovation platform - All4R&D**

2nd WORKSHOP + 3rd MC MEETING

December 2-4, 2019
Bochum, Germany



2nd WORKSHOP

“Building good cooperation with industry and promotion on best practices and field trip to associated partners”

3rd MANAGEMENT COMMITTEE MEETING

December 2-4, 2019

Ruhr University Bochum
Universitätsstraße 150
44801 Bochum, Germany

PROJECT CONTACTS

Chair of the project
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Contents

OBJECTIVES	4
PROGRAMME	4
LOCATION	8
HOW TO GET TO BOCHUM	9
ACCOMMODATION	9
LOCAL INFORMATION.....	9
COMMON DINNER.....	11
CONTACT.....	11



OBJECTIVES

Main focus of the Workshop will be presenting the collaborative and open innovation partnership for R&D&I by establishing alliances between academia and industry supported by the platform.

Results of the survey on the competencies gap that students and alumni have will be presented. These results will be used to develop new training courses and innovative activities, in collaboration between professors and Cooperative R&D Unit. Presentation of the promotional events will be given. Proposal of training courses and innovative services by the professors and professionals to be implemented on the web-based platform will be discussed.

The main features of the new R&D units will be presented: Structure, rules of Universities and companies staff engaged at the Cooperative R&D units; Tools and procedures; Marketing plans and HR management plans; Portfolio of activities and services; Business plan; R&D Innovation strategy and Status of tendering procedure for purchase of equipment.

PROGRAMME

1.12.2019 (Sunday) Arrival

2.12.2019 (Monday) 2nd Workshop, day 1

9:00-9:15 Registration

9:15-9:30 Welcome address

- Prof. Elena Dumova-Jovanoska, project coordinator
- Prof. Kornelia Freitag, Vice Rector for Academic and International Affairs, RUB
- Prof. Ruediger Hoeffler, Dean RUB (organizational remarks)

9:30-09:45 Introductory Round

09:45-10:30 Best practices

- Transfer and Entrepreneurship, status of the "world factory start-up center"
- RUB, Prof. Andreas Ostendorf, Vice Rector for Research, Transfer and Early Career Researchers

10:30-11:00 Coffee break

11:00-12:00 Reports from National Events (E2 and E3 from WP 3.2)

Promotion of the collaborative and open innovation web based platform (National event E2)

11:00-11:10 - UNMO, Prof. Merima Sahinagić-Isović

11:10-11:20 - NPUA, Prof. Gevorg Margarov

Closing the competencies' gap – offering new training courses and innovative services to students and alumni (National event E3)

11:20-11:30 - UNSA, Prof. Mustafa Hrasnica

11:30-11:40 - NUACA, Prof. Gohar Avetisyan

Gap analysis report

11:40-12:00 - IECE, Prof. Angelina Taneva-Veshoska

12:00-13:30 Lunch



Reports from WP2

13:30-14:30 Presentation of the R&D Units in Bosnia and Herzegovina*

13:30-14:15 - UNMO & HP

14:15-14:30 - Discussion

14:30-15:30 Presentation of the R&D Units in Bosnia and Herzegovina*

14:30-15:15 - UNSA & WP

15:15-15:30 - Discussion

15:30-16:00 Coffee break

16:00-17:00 Presentation of the R&D Units in Armenia*

16:00-16:45 - NPUA & IIAP

16:45-17:00 - Discussion

17:00-18:00 Presentation of the R&D Units in Armenia*

17:00-17:45 - NUACA & YeTRI

17:45-18:00 - Discussion

19:30-22:00 Common dinner

Hosted by RUB, Restaurant Rietkötter (<https://www.brauhaus-rietkoetter.de/>)

* Notes on content of the presentations

The following documents should be presented:

1. Structure, rules of Universities and companies staff engaged at the Cooperative R&D units
2. Tools and procedures
3. Marketing plans and HR management plans
4. Portfolio of activities and services
5. Business plan
6. R&D Innovation strategy
7. Status of tendering procedure for purchase of equipment



3.12.2019 (Tuesday) 2nd Workshop, day 2

Activities in WP3.4

9:00-11:15 LLL courses

9:00-9:20 Introduction for definition, content of LLL courses
- Prof. Elena Dumova-Jovanoska

Proposal of LLL courses | Responsible persons of WP3

9:20-9:30 UKIM - Prof. Elena Dumova-Jovanoska
9:30-9:40 IECE - Prof. Angelina Taneva-Veshoska
9:40-9:50 RUB – Prof. Ruediger Hoeffler
9:50-10:00 UVA – Prof. Petri Helo
10:00-10:10 UNMO & HP – Prof. Mili Selimotić
10:10-10:20 UNSA & WP – Prof. Goran Simonović
10:20-10:30 NUACA & YeTRI – Prof. Marine Ghazaryan
10:30-10:40 NPUA & IIAP – Prof. Gevorg Margarov
10:40-11:15 - Discussion

11:30-12:30 Best practices and field trip to associated partners

Visit to laboratories (component testing hall, wind tunnels) of the Ruhr University Bochum

12:45-14:00 Lunch

14:00-16:00 Innovative practices

14:00-14:20 Introduction for definition, content of innovative practices
- Prof. Angelina Taneva-Veshoska

Proposal of innovative practices | Responsible persons of WP3

14:20-14:30 IECE – Prof. Angelina Taneva-Veshoska
14:30-14:40 UKIM – Prof. Sergey Churilov
14:40-14:50 RUB – Dr. Christiane Wuellner
14:50-15:00 UVA – Prof. Petri Helo
15:00-15:10 UNMO & HP – Prof. Mili Selimotić
15:10-15:20 UNSA & WP – Prof. Goran Simonović
15:20-15:30 NUACA & YeTRI – Prof. Marine Ghazaryan
15:30-15:40 NPUA & IIAP – Prof. Gevorg Margarov
15:40-16:00 - Discussion

16:00-16:30 Coffee break

16:30-17:30 Proposal for Research projects in R&D Units | Responsible persons of WP4

16:30-16:45 UNMO & HP – Prof. Merima Šahinagić-Isović
16:45-17:00 UNSA & WP – Prof. Mustafa Hrasnica
17:00-17:15 NUACA & YeTRI – Prof. Marine Ghazaryan
17:15-17:30 NPUA & IIAP – Prof. Gevorg Margarov

17:30-17:45 Wrap up of the Workshop



4.12.2019 (Wednesday) 3rd Management Meeting (MC)

9:00-10:30 Coordination

- 9:00-9:30 Status of activities according the To-Do lists
 - Prof. Elena Dumova-Jovanoska
- 9:30-9:45 Open innovative model for academia-industry collaboration guidelines
 - Prof. Angelina Taneva-Veshoska
- 9:45-10:30 - Discussion and open questions

10:30-11:00 Coffee break

11:00-12:00 Financial management

- 11:00-11:30 Audit and Financial statement for the 1st year
 - Prof. Sergey Churilov
 - Stefan Micevski
- 11:30-12:00 - Discussion and open questions

12:00-13:00 Quality control, monitoring and evaluation

- 12:00-12:30 Midterm reporting
 - Prof. Elena Dumova-Jovanoska
 - Prof. Angelina Taneva-Veshoska
 - Stefan Micevski
- 12:30-13:00 Quality control
 - Prof. Elena Dumova-Jovanoska
 - Prof. Vladimir Vitanov

13:00-14:00 Lunch

14:00-15:00 Dissemination

- 14:00-14:30 Status of All4R&D platform
 - Ana Tomikj
- 14:30-15:00 Report on dissemination activities
 - Ana Tomikj
- 15:00-15:30 Announcement of future dissemination activities
 - UNMO & NUACA

15:30-15:45 Planning of future events

- E4 "Developing and implementing potential academia – industry Alliances" (UNMO & NPUA, national events)
- W3 "Developing and implementing joint research projects and field trip to associated partners" (UKIM & IECE, Skopje, international)
- E5 "Launching the Cooperative R&D Units" and PM4 (NUACA, Yerevan, international)
- Monitoring visits (NUACA & NPUA)
- E6 "Benefits and impact academia-industry alliances have" and PM5 (UNSA, Sarajevo, international)
- Monitoring visits (UNSA & UNMO)

15:45-16:00 Concluding remarks



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LOCATION

The listed Beckmanns Hof, which is also the RUB's International Meeting Centre, is located right next to the Botanical Garden of the Ruhr University. Since the beginning of 2012, the historic courtyard building has been modernised and extended to become an exclusive conference centre of the Ruhr-University.



Fig. 1 Photo of the Beckmanns Hof

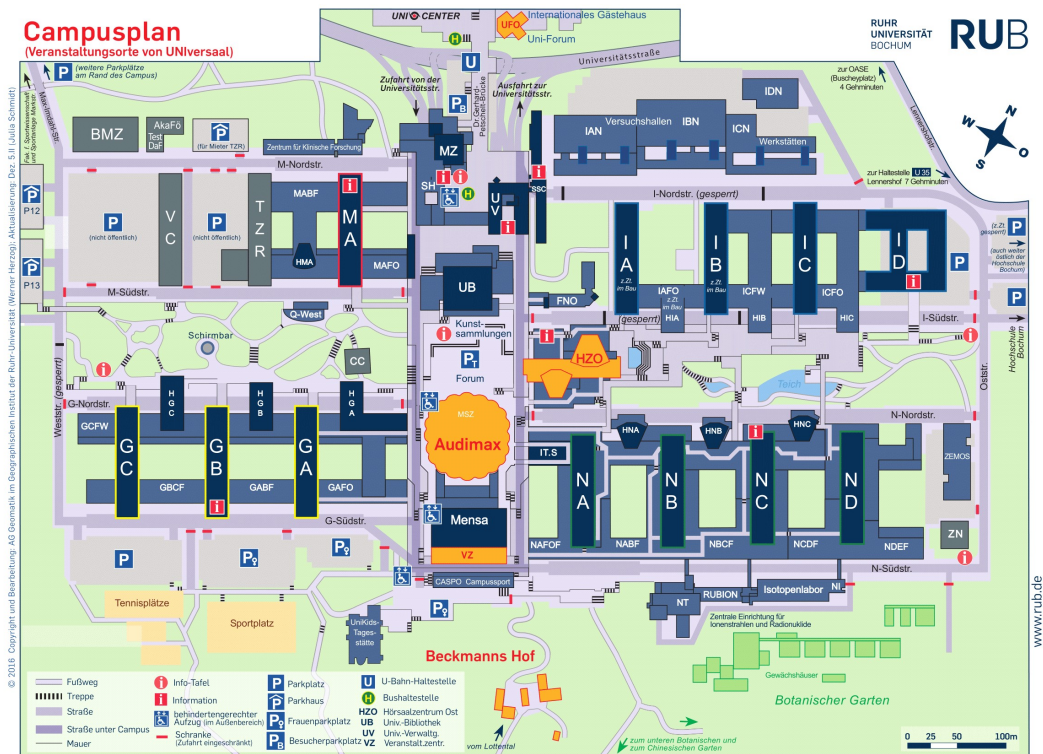


Fig. 2 Map of the Ruhr University Bochum



HOW TO GET TO BOCHUM

By plane



Bochum is best reached by plane. Due to Bochum's central location, 4 airports are nearby and can be reached by train in less than 2 hours.

Düsseldorf International

<https://www.dus.com/en>

Dortmund

<https://www.dortmund-airport.com/>

Düsseldorf-Weeze

<https://airport-weeze.com/en>

Cologne Bonn

<https://www.cologne-bonn-airport.com/en.html>

Train tickets from the respective airports to Bochum can be booked and purchased on the Deutsche Bahn website. Here you can also book tickets for long-distance connections if you prefer a train ride to a flight.

<https://www.bahn.com/en/view/index.shtml>

We would strongly advise you not to take a taxi from the airport, as taxi fares in Germany are very expensive.

ACCOMMODATION

A contingent of rooms is reserved at the Ibis Bochum Zentrum. You can book a room from this contingent by using the password "All4R&D".

Ibis Bochum-Zentrum

Universitätsstraße 3

44789 Bochum

LOCAL INFORMATION

Bochum with its 364,920 inhabitants is the sixth largest city in the most populous federal state North-Rhine Westphalia and the sixteenth largest city in Germany. The city lies in the heart of the Ruhr area, Germany's largest urban area, bordered by the rivers Ruhr in the north and Emscher in the south.

Bochum has a total of 9 universities. The largest university in Bochum is the Ruhr-Universität. With 43,000 students, it is one of the ten largest universities in Germany.

Bochum dates from the 9th century, when Charlemagne set up a royal court at the junction of two important trade routes. It was first officially mentioned in 1041 as *Cofbuokheim* in a document of the archbishops of Cologne. In 1321, Count Engelbert II von der Marck granted



Bochum a town charter, but the town remained insignificant until the 19th century, when the coal mining and steel industries emerged in the Ruhr area, leading to the growth of the entire region. The population of Bochum increased from about 4,500 in 1850 to 100,000 in 1904. Bochum acquired city status, incorporating neighbouring towns and villages. Additional population gains came from immigration, primarily from Poland.

After the war, the new state of North Rhine-Westphalia was established, consisting of the Rhineland and Westphalia. Bochum is located in that state.

In the postwar period, Bochum began developing as a cultural centre of the Ruhr area. In 1965, the Ruhr University was opened, the first modern university in the Ruhr area and the first to be founded in Germany since World War II. Since the seventies, Bochum's industry has moved from heavy industry to the service sector. Between 1960 and 1980, the coal mines all closed. Other industries, such as automotive, compensated for the loss of jobs. The Opel Astra was assembled at the Opel Bochum plant; however, by 2009, the factory was in serious financial difficulties and in December 2012, Opel announced that it would stop vehicle production at the Bochum plant in 2016.

Climate

In December temperatures between 2 and 7 degrees have to be expected. December is one of the wettest months of the calendar year. Rain showers are therefore probable.

Currency and Money Exchange

The currency in Germany is the Euro. We always recommend carrying some cash with you, as credit cards are not always accepted, especially in smaller shops and cafes.

Electricity Supply

In Germany the power plugs and sockets are of type F. The standard voltage is 230 V and the standard frequency is 50 Hz.



Smoking Ban

There is a strict smoking ban in Germany. It prohibits smoking in public authorities, cinemas, restaurants, bars, cafes, universities and hospitals, as well as airports and train stations.

Emergency Telephones

Police: 110
Fire brigade: 112
Ambulance: 112



COMMON DINNER

The Restaurant Rietkötter is Bochum's oldest preserved residential and guesthouse. The traditional guesthouse in the bridge quarter of Bochum's city centre, which is now under a preservation order, already quenched the thirst for beer of Bochum's citizens in 1777 with its then affiliated brewery. Today the guests are treated to a fresh brewery cuisine, a fine selection of wines and drinks, and freshly tapped beers from the Bochum private brewery Moritz Fiege.

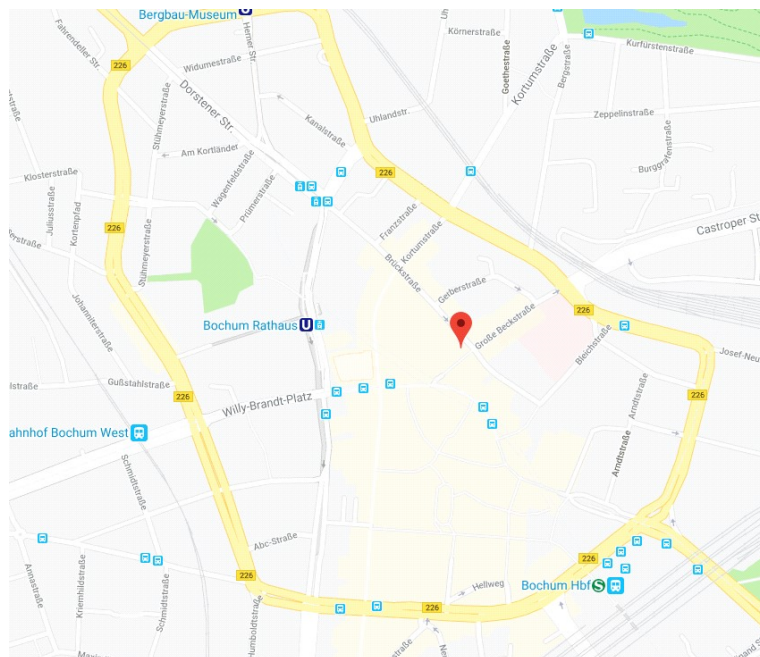


Fig. 3 Map of the Restaurant Rietkötter.

CONTACT

For urgent problem solving, please contact Prof. Höffer during your stay in Bochum.

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