

# List of Projects

## Mario Holzner

### **Framework contract: Evaluations and impact assessments of EU macro-financial assistance and balance of payment support operations** (*wiiw Team Leader*)

*European Commission, DG Economic and Financial Affairs*

*January 2016 - December 2019*

European Commission, DG Economic and Financial Affairs established a multiple framework service contracts that allows it to obtain evaluation services and impact assessments of its own activities. Under this Framework Contract, the consortium partners assess the relevance, effectiveness, efficiency, utility, sustainability, coherence, European Union Added Value, and governance of the macro-financial assistance and balance of payment support operations granted by the EU and the IMF to third countries. wiiw is part of a consortium under the leadership of Ecorys.

### **Austria's Economic Competitiveness in a Neighbourhood Context** (*wiiw Team Leader*)

*Anniversary Fund of the Oesterreichische Nationalbank*

*August 2016 - July 2018*

Since the Eastern enlargement of the EU in 2004, Austria has lost global export market shares. At the same time exports to Central, East and Southeast Europe have gained a significant portion of Austria's total exports. Moreover, in recent years Austrian GDP growth has slowed down and unemployment increased. In this context our main research question is whether the opening to the East had a structural lock-in effect for Austria's economy. In a novel approach on the territorial lock-in effect we will apply a multi-perspective view from a microeconomic (firm-level), mesoeconomic (industry-level) and macroeconomic (country-level) perspective. As regards data, we will have exclusive access to an update of the world input-output database including data for the Western Balkans. The new data will add substantially to the project, the current discussion on Austria's competitiveness and the development of policy recommendations

### **Studies in the Areas of European Competitiveness**

*European Commission, DG Growth*

*August 2014 - July 2018*

The purpose of this framework contract is to provide the European Commission, DG Enterprise and Industry, with background studies concerning the competitiveness of European industries. These background studies are mainly used for the preparation of the Commission's European Competitiveness Report which is published annually in order to provide analytical input to the policy debate on issues related to competitiveness and to underpin proposals and recommendations regarding the Europe 2020 strategy and future enterprise policy.

### **Durchführung einer Analyse zu volkswirtschaftlichen Aspekten von Infrastrukturinvestitionen** (*wiiw Team Leader*)

*Ministry for Transport, Innovation and Technology (BMVIT)*

*February 2017 - September 2017*

The aim of the project is on the one hand to calculate a possible lack of investment for Austria and other EU member states in the area of strategic important infrastructure like for example street, rail or broadband internet connection. And on the other hand to develop a concrete suggestion for a "golden rule" for infrastructure investment on EU level. The project is based on actual research, is broadening it and puts a focus on the macroeconomic approach of infrastructure investments, whereas structural, cyclical and regional aspects of the topic will be treated.

## **Support of European Structural and Investment Funds (ESI Funds) to the implementation of the Country Specific Recommendations and to structural reforms in Member States**

*European Commission, DG Employment, Social Affairs and Inclusion  
December 2015 - February 2017*

The study aims to produce evidence which can be used to support the implementation of the current programmes as well as the preparation of post-2020 ESIF programming. The study will focus on the relationships between structural reforms, linked to Country Specific Recommendations (CSRs) proposed as part of the European Semester, and the strategic design and implementation of the ESI Funds. The role of the ESI Funds in promoting and supporting the reforms will be examined in depth, with particular attention on the impact of two of the novelties introduced in 2014-2020: the ex-ante conditionalities and thematic objective 11 on Enhancing Institutional Capacity of Public Authorities and Efficient Public Administration.

## **Tradability of Output and the Current Account in Europe**

*Anniversary Fund of the Oesterreichische Nationalbank  
July 2015 - December 2016*

One aspect in the debate about current account imbalances in Europe is the consequence of 'de-industrialisation' observable in several European countries. This project highlights the role of tradability of output as a key determinant of the current account balance. The relationship between a country's specialisation in the production of tradables will be investigated empirically for 46 European countries over the period 1995-2014. To this end a tradability index is developed which can be understood as a country's expected degree of openness given its economic structure. The tradability hypothesis to be tested in this project suggests that countries specialising in the production of relatively more tradable output have a tendency to run current account surpluses. It is shown that this relationship is also predicted by intertemporal models of the current account. The tradability hypothesis is tested using both panel regressions and cross-country regression techniques.

## **Falling Behind and Catching Up in Southeast Europe (GDN)**

*Oesterreichische Nationalbank/Austrian Ministry of Finance  
January 2014 - July 2016*

Southeast Europe holds a long record of being one of Europe's least developed regions. Sporadic growth spurts are regularly followed by strong fall-backs. Neither firms, nor banks or states were able to make broad industrialization happen in a sustainable way. The proposed research analysed the determinants and effects of backwardness in Southeast Europe. The analysis included inter alia issues of long-run development, industrialization, infrastructure, the role of cities, migration, state building and financial crisis. The results yielded important policy recommendations.

## **Global Development Network Southeast Europe (GDN\_SEE)**

*Oesterreichische Nationalbank/Austrian Ministry of Finance  
February 2009 - July 2016*

wiiw acts as regional hub for SEE within the Global Development Network (GDN) in providing capacity building for research and policy advice in the areas of labour markets, migration, trade, etc. wiiw initiated several research competitions in the region and also performs own research in this context. The topics of the most recent project phase were labour market developments, inequality, migration and fiscal systems in SEE.

[balkan-observatory.net](http://balkan-observatory.net)

## **Socio-economic assessment of the Danube Region: state of the region, challenges and strategy development**

*Ministerium für Finanzen und Wirtschaft Baden-Württemberg  
July 2013 - October 2015*

The main objective of this project was an analysis of potential opportunities, requirements, challenges, and recommendations, in order to enhance the competitiveness, the innovative strength, the attractiveness, and the prosperity of the entire region of the Danube riparian countries and regions, and to develop strategic orientations in view of transnational and interregional cooperation for the period 2014-2020. wiiw developed this assessment in cooperation with two German partners, the Centre for European Economic Research (ZEW) - which was also the leader of the project - and the Institut für Angewandte Wirtschaftsforschung (IAW). The focus on wiiw's contribution was on labour markets, regional development, cluster development and cooperation in the Danube Region.

### **Recent patterns of labour mobility in the European Union** (*wiiw Team Leader*)

*Anniversary Fund of the Oesterreichische Nationalbank*

*July 2013 - March 2015*

In the EU the level of labour mobility is comparably low, but rising due to intensified labour market flexibility and increasing migration flows. The project analysed changing patterns of labour mobility in a detailed manner in the countries, regions and economic sectors of the EU by applying a descriptive and an econometric approach. A specific focus was put on whether international migrants respond more flexibly to labour market demands. Moreover, the effects of external shocks during the financial and economic crisis on the scale and structure of labour mobility was analysed. The project drew on two micro-datasets: the EU labour force survey for performing a worker flow analysis and the MICRO-DYN database, which provides data based on EU-wide firm-level data to perform a job flow analysis. In the econometric approach we applied regional, country, sectoral and workers characteristics to detect the reasons for differences in the European wide map of labour mobility.

### **Increasing competitiveness in the Western Balkans region - opportunities and limits** (*wiiw Team Leader*)

*German Federal Ministry of Finance*

*July 2013 - January 2015*

This study was written in German, original title: 'Steigerung der Wettbewerbsfähigkeit in der Westbalkanregion - Möglichkeiten und Grenzen'. The European Union as well as international and bilateral players increasingly consider higher competitiveness as a key factor for economic development in the Western Balkans region that is to be more and more autonomous and resilient in the long term. Against this background, the project aims to identify the potential for (further) structural reforms and their implementation and efficient realisation, as well as the potential for growth and strategies to exploit it. The project is carried out in cooperation with the Halle Institute for Economic Research.

### **Auswertung der HFCS Daten im Europavergleich. Immobilienvermögen, Verschuldung, nettovermögenslose und eigenheimbesitzende Haushalte**

*The Chamber of Labour (AK Wien)*

*December 2013 - November 2014*

The aim of the study is to describe the situation of household asset and debt holdings and the distribution thereof in the countries of the eurozone and to provide a comparison between those. The analysis is based on data from the Household Finance and Consumption Survey (HFCS). The analysis focuses particularly on two groups of households, those without or with negative net wealth holdings and those households being proprietor of their home. Recent research on the topic has first and foremost dealt with the situation in the US. Moreover, the study discusses the relevance of real estate assets for households in a broader sense.

### **International conference 'The 2004 EU Enlargement – Ten Years After: Achievements and Next Steps'**

*Austrian Ministry of Finance*

*June 2014 - June 2014*

The conference celebrated the 10th anniversary of the accession of ten Central, Eastern and Southeastern European countries to the European Union. It reflected on achievements and lessons learned and discussed possible future political and economic developments in Europe.

### **Support to the Development of the South East Europe 2020 Strategy**

*Regional Cooperation Council (RCC)*

*June 2013 - September 2013*

The Regional Cooperation Council (RCC) Secretariat was requested by the countries of the Southeast Europe Cooperation Process (SEEC) as well as the European Commission (EC) to advance the preparation of a regional development and growth strategy - SEE 2020. In course of this process, eleven specific targets have been identified that span convergence with EU, trade, investment, employment, education and governance. All in all, the SEE 2020 encompasses 14 policy dimensions. In the framework of this consultancy assignment, wiiw coordinated a group of experts who compiled and synthesized the various inputs from regional initiatives, platforms and other relevant stakeholders into the Strategy document. Last but not least, wiiw experts ensured the internal consistency of the proposed targets and measures and provided contextual analysis and advice. In November 2013, the SEE 2020 strategy was finally approved by the Ministerial Conference of the South East Europe Investment Committee.

## **A manufacturing imperative in the EU - Europe's position in global manufacturing and the role of industrial policy (Competitiveness Report 2013)**

*European Commission, DG Enterprise and Industry  
November 2012 - June 2013*

This study served as a background report for the annual European Competitiveness Report of the European Commission (DG ENTR). The objective was (i) to detect the structural changes that have occurred in the European economy in order to identify the major challenges that lie ahead European manufacturing and (ii) to analyse and evaluate past and current approaches to industrial policies (and instruments) at the European and the EU Member State level. Based on the structural challenges for the EU economy and experiences with industrial policies the study formulated suggestions for potential elements of a renewed European industrial policy. The policy conclusions took into account the interaction of industrial policy with related policies such as competition rules, innovation policies and trade policies. The study contains both qualitative and quantitative analyses, including cluster analysis and various econometric techniques and made use of numerous data sources such as the World Input-Output Database (WIOD), OECD ANBERD, Eurostat, European Commission State Aid Scoreboard database and the Community Innovation Survey (CIS).

## **Crisis effects: growth prospect, social impact and policy responses in SEE and CIS**

*Oesterreichische Nationalbank/Austrian Ministry of Finance  
July 2011 - June 2013*

The main objective of the project is to establish economic research capacities throughout Southeast Europe (SEE) and the Commonwealth of Independent States (CIS), to promote knowledge transfer into the regions, to facilitate networking between researchers and to assist in securing knowledge transfer from researchers to policy makers. Activities to achieve this include research calls, mentoring, workshops, conferences and policy dialogues. The project is structured into bi-annual research cycles focusing on a specific research theme of particular importance. During this phase, research aims at analysing whether the international crisis shock introduces structural breaks in the distribution of income and other welfare dimensions, conditional on the change in the potential speed of growth, the quality of development, and the induced or adopted policy changes in SEE and CIS. The project is part of the Global Development Network (GDN), a multilateral organisation founded by the World Bank in which wiiw acts as a hub for SEE.

## **Ex-post evaluation of Macro Financial Assistance operations to Kosovo**

*European Commission, DG Economic and Financial Affairs  
March 2012 - October 2012*

Under its Financial regulation, the EC is legally obliged to evaluate its main programmes, including Macro Financial Assurances (MFA). The main objective of this ex-post evaluation was to learn key lessons which can be applied to future interventions and/or to identify a possible need for a reorientation of the present EC approach. The evaluation focused on three core areas of economic effects: (1) macroeconomic effects; (2) structural effects and (3) effects on the sustainability of the external financial situation. Each area focused on the effects over specific time horizons: macroeconomic developments were assessed on short-term effects (up to 2 years after the initial disbursement), the structural effects on the economy and institutions on short- and medium- term effects (up to 4 years after the initial disbursement) and the external financial situation on medium- to long-term effects (3 years or more).

## **Multidimensional inequality and poverty in the EU considering polarisation and social mobility**

*Anniversary Fund of the Oesterreichische Nationalbank  
September 2010 - July 2012*

The project contributes to cross-country inequality and poverty research on income and well-being as well as on income polarisation. Part 1 provides a regression-based decomposition analysis of income inequality and poverty in the EU. The research, based on EU-SILC data, allows identifying micro- and macro-level determinants of social stratification. In Part 2 the analysis is broadened to multidimensional inequality and poverty, detecting sources of dispersion of well-being. Part 3 goes beyond the static examination of poverty and inequality by looking at intergenerational mobility and inequality and poverty persistence. Part 4 presents a multi-level analysis of macro- and microeconomic determinants of income polarisation in the EU, which is also based on EU-SILC data.

## **Study in the context of Croatia's EU accession**

*Federal Chancellery of the Republic of Austria*

December 2011 - July 2012

The study provides background information for the Austrian Chancellery in the context of Croatia's accession to the EU. It describes the economic development of Croatia in a comparative perspective, analyses Austria's relations with Croatia and discusses potential future developments as a result of EU membership.

### **The European neighbourhood - challenges and opportunities for EU competitiveness (Competitiveness Report 2012)**

*European Commission, DG Enterprise and Industry*

*November 2011 - May 2012*

This study serves as a background report for the yearly Competitiveness Report of the EC. In order to assess the differences between neighbouring countries with respect to their importance for EU competitiveness, the study first maps the economic situation and competitiveness of each of the Eastern and Southern ENP partner countries, non-candidate EFTA countries, potential candidate countries as well as Russia. The study describes and analysed the economic importance of institutional arrangements and instruments for cooperation between the EU and the above countries. It also explores the economic and trade impact of bilateral agreements and related trade and investment flows including energy, raw materials and other resources between EU Member States. The final part of the study contains a discussion of the challenges and opportunities for EU competitiveness resulting from its different economic relations, institutional arrangements and instruments with its immediate neighbours, as well as the bilateral relations between EU member states and neighbouring countries. The prospects for EU SMEs to expand their activities into neighbouring countries are discussed and conclusions drawn on the basis thereof. The study concludes with policy recommendations stemming from the discussion of challenges and opportunities. wiiw coordinated the study.

[http://ec.europa.eu/enterprise/policies/industrial-competitiveness/competitiveness-analysis/european-competitiveness-report/index\\_en.htm](http://ec.europa.eu/enterprise/policies/industrial-competitiveness/competitiveness-analysis/european-competitiveness-report/index_en.htm)

### **Country risk analysis (wiiw Team Leader)**

*Erste Group Bank AG*

*November 2011 - April 2012*

Country studies are performed for Austria, Croatia, the Czech Republic, Hungary, Romania, Russia, Serbia, Slovakia and Ukraine, analysing the political and institutional, economic and social situation on a qualitative and quantitative basis.

### **Developing efficient activation approaches and identifying elements for regional cooperation in the Western Balkans**

*European Commission, DG Employment, Social Affairs and Inclusion*

*March 2010 - April 2012*

The main objective of this project was the assessment of employment policies in the Western Balkan countries, their distance from the European Employment Strategies (EES), and the capacity and effectiveness of the Public Employment Services (PES) to implement modern labour market services. The general approach of the research was to assess the existing policies against the background of labour market developments in the Western Balkan countries. wiiw coordinated this project, in cooperation with ÖSB and with support of some local experts.

### **Workshop: MENA transition and international responses**

*Austrian Ministry of Finance*

*August 2011 - December 2011*

In December 2011, wiiw organised a workshop with high-level experts to discuss the current economic, political and social situation in MENA countries, the challenges they face and the challenges posed for the EU neighbourhood policy. The workshop took as a vantage point the experiences from Central and Eastern European countries and the lessons the transformation of these countries may hold for future developments of the MENA region. wiiw produced a background paper for this workshop.

### **Strategic partnership in support of the integrated regional development plan of the Autonomous Province of Vojvodina**

*Austrian Development Agency (ADA)*

*January 2008 - June 2011*

The main objective of this project was to strengthen and support the socio-economic development process of the Autonomous Province of Vojvodina by implementing specific measures, which are combined in a multi-sectoral action plan. The specific role of wiiw in this project was to support a regional economic research institute in capacity building, e.g. by setting up an economic model, a business barometer methodology and implementation, training in mathematics and statistics, mentored research, scientific dissemination and networking as well as general management skills.

**The revival of NMS mutual trade after their EU accession: in search of the reasons behind** (*wiiw Team Leader*)

*Anniversary Fund of the Oesterreichische Nationalbank  
August 2009 - March 2011*

Since their EU accession, mutual trade of the Central European new members has been expanding more dynamically than before 2004 and much faster than these countries' trade with the 'old' EU members. The project's target was to identify the reasons behind this phenomenon. First, changes in the structural features of these countries' mutual trade before and after the 2004 EU enlargement were analysed; revealed comparative advantage, marginal intra-industry trade and intensive and extensive margins of trade indicators were calculated and interpreted. Second, the significance of foreign-owned enterprises' presence in various industries and bilateral trade relations was investigated. Third, trade and FDI in services were scrutinised. Fourth, the potential of mutual trade was addressed with the help of a gravity model. Policy lessons for EU candidate countries and possible effects on Austria were discussed.

**Employment in the gas and electricity sectors in the Western Balkan contracting parties of the Energy Community**

*European Commission, DG Employment, Social Affairs and Inclusion  
November 2009 - February 2011*

The aim of this study was to analyse the employment development in the gas and electricity sectors in seven countries of the Western Balkans. In doing so, the impact of liberalisation and of the resulting restructuring processes on the number and quality of jobs is investigated and likely trends were presented. The study was based on quantitative analysis as well as on qualitative analysis in the form of stakeholder interviews.

**Serbia: medium to long term economic development**

*Telekom Austria Group  
November 2010 - January 2011*

The study analysed current economic developments in Serbia, the country's perspective of EU accession and provided a medium-term forecast of main economic indicators. The authors diagnosed short-term risks to economic recovery due to social and political instability as well as lacking institutional, structural, and policy reforms. In case the planned process of EU integration was realised, more reforms and rather sustainable development was expected after the elections in 2012. This was also considered to be supportive to the macroeconomic stability, which was mainly anchored in the exchange rate policy. Under these assumptions, a GDP growth rate of around 4% per year and a relatively stable currency and inflation was expected, albeit at a somewhat higher level. The alternative scenario was that the whole process stalls and the traditional muddling through strategy prevailed with rather disappointing and unpredictable results due to the changed international environment.

**Inequality and fiscal policy in transition countries**

*Oesterreichische Nationalbank/Austrian Ministry of Finance  
January 2009 - December 2010*

The main objective of the project is to establish economic research capacities throughout Southeast Europe (SEE) and the Commonwealth of Independent States (CIS), to promote knowledge transfer into the regions, to facilitate networking between researchers and to assist in securing knowledge transfer from researchers to policy makers. Activities to achieve this include research calls, mentoring, workshops, conferences and policy dialogues. The project is structured into bi-annual research cycles focusing on a specific research theme of particular importance. During this phase, research dealt with inequality and fiscal policy in transition countries of Southeast Europe (SEE) and the Commonwealth of Independent States (CIS). Research aimed to analyse issues of income and other distributions (e.g., wealth, wage, skills, opportunities) in transition countries with special interest in the role of market liberalisation and fiscal redistribution. The project is part of the Global Development Network (GDN), a multilateral organisation founded by the World Bank in which wiiw acts as a hub for SEE.

### **Austrian linkages to the European economy and the transmission mechanisms of economic crisis**

*Austrian Ministry of Economy, Family and Youth*

*June 2010 - November 2010*

The goal of this project was to develop a new concept called 'strategic fragmentation' which is used to explore how stronger interconnectedness between EU Member States could lead to lower vulnerability and hence to more freedom of action in economic and foreign policy. The economic value of energy solidarity mechanisms and more interconnection capacity between Member States was assessed and simulated numerically. For this purpose a model of strategic fragmentation has been developed which yields costs and benefits of various policy concentration options for EU Member States.

### **Three contributions to exchange rate economics**

*Anniversary Fund of the Oesterreichische Nationalbank*

*July 2008 - June 2010*

The project constructively contributes to the literature on some well-known puzzles in international economics. Part 1 offers a demand-side alternative to the Balassa-Samuelson Effect which is commonly invoked to explain the presence of exchange rate/purchasing power parities gaps. The alternative is tested against the recent ECP data. The same set of data underlies Part 2, concerned with specification of neoclassical general equilibrium models of pan-European trade. Analyses of the models' solutions shows that the ER-PPP gaps can persist even if the "Law of One Price" operates perfectly. Part 3 studies the ECP data with the means of advanced dynamic econometrics to test hypotheses on movements of relative price and GDP levels across Europe. It is hypothesised that these movements are not disconnected. Part 3 has important implications for the policy (e.g. on euro adoption) debates.