



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Horvat Manfred**
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Nationality Austrian
Date of birth 13 June 1941
Gender Male

Work experience

Dates 01 February 2017 to 31 December 2019
Occupation or position held Adjunct Professor
Organisation NTNU Norwegian University of Technology, Department of Architecture and Planning
 A. Getz vei 3, 7491 Trondheim, Norway
Main activities and responsibilities Chairman, Advisory Board, Horizon 2020 URBAN-EU-CHINA Innovation Platform on Sustainable
 Urbanisation; policy analysis of EU-China cooperation in the areas of science, technology and
 innovation with a particular focus on sustainable urbanisation

Dates 01 July 2006 to present
Occupation or position held Independent expert; Honorary Professor
Organisation Vienna University of Technology, Karlsplatz 13, 1230 Vienna, Austria
Main activities and responsibilities Expert advice for national, European and international research and technology cooperation policies,
 strategies and programmes; assessment and evaluation of research and technology programmes
 and institutions;

Dates September 2004 - June 2006
Occupation or position held Director
Main activities and responsibilities Division for European and International Programmes (EIP)
Name and address of employer Austrian Research Promotion Agency (FFG)
 Donau City Strasse 1, 1220 Vienna, Austria
Type of business or sector Management of a research and technology agency

Dates March 1993 - August 2004
Occupation or position held Director
Main activities and responsibilities Support services for European and international research and technology cooperation
Name and address of employer Bureau for International Research and Technology Cooperation
 Donau City Strasse 1, 1220 Vienna (Austria)
Type of business or sector Management of a research and technology agency

Dates January 1980 – February 1993
Occupation or position held Director
Main activities and responsibilities Director, University Extension Centre; university-industry relations, continuing engineering education, post-graduate education
Name and address of employer Vienna University of Technology
Karlsplatz 13, 1040 Vienna (Austria)
Type of business or sector University management

Dates January 1973 - December 1979
Occupation or position held Assistant Professor
Main activities and responsibilities Teaching and research in fluid dynamics
Name and address of employer Vienna University of Technology
Karlsplatz 13, 1040 Vienna (Austria)
Type of business or sector University teaching and research

Dates March 1971 – December 1971
Occupation or position held Research Consultant
Main activities and responsibilities Research on mathematical theory of supersonic flow
Name and address of employer DFVLR German Aerospace Agency
Köln Porz (Germany)
Type of business or sector Aerospace research

Dates July 1969 - February 1971
Occupation or position held Research Consultant
Main activities and responsibilities Research on mathematical theory of supersonic flow
Name and address of employer Lockheed Georgia Comp
Atlanta, Georgia (USA)
Type of business or sector Aerospace research

Education and training

Dates October 1960 – June 1969
Title of qualification awarded Dipl.-Ing
Principal subjects / occupational skills covered Mechanical engineering
Name and type of organisation providing education and training Vienna University of Technology (University)
Karlsplatz 13, 1040 Vienna (Austria)

Dates July 2001
Title of qualification awarded Honorary Professor (Hon.-Prof.)
Principal subjects / occupational skills covered International and European Research and Technology Cooperation
Name and type of organisation providing education and training Vienna University of Technology (University)
Karlsplatz 13, 1040 Vienna (Austria)

Personal skills and competences

Mother tongue(s) German

Other language(s)

Self-assessment

Understanding	Speaking	Writing
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<i>European level (*)</i>	Listening		Reading		Spoken interaction		Spoken production			
English	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user

(*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competences	Team spirit; excellent ability to adapt to multi-cultural working environments; social communication
Organisational skills and competences	Leadership (chairing and membership in international expert panels); coordination and management of international projects;
Technical skills and competences	Analyses, evaluation and impact assessment of research policies, programmes and initiatives, projects, and institutions; European and international science, technology and innovation policies; European and international STI cooperation; surveys, questionnaires, interviews, literature and data analysis; interviews
Computer skills and competences	Good command of Microsoft Office (WORD, EXCEL, PPT)
Driving licence(s)	A, B

Additional information Personal skills and competences were acquired during education and long-term professional experience

Annexes **Assignments** (selection):

2020 – 2021: Expert, Analytical Framework and Methodology for the Analysis of Research and Innovation Priorities in China. Assignment, EU-China Research and Innovation Dialogue, EU-China Partnership Facility, EU-China Science and Technology Sector, EU Delegation in China.

2017 - 2019: Adjunct Professor, NTNU Norwegian University of Science and Technology; Chairman of Advisory Board, Horizon 2020 URBAN-EU-CHINA Innovation Platform on Sustainable Urbanisation; expert advice on China's plans for Economic and Social Development, China's and Europe's plans, programmes and initiatives for sustainable urbanisation, and the development of STI in China; Coordinator: NTNU

2016 – 2020: Member Advisory Board, European Research and Innovation Centre of Excellence in China — ERICENA (later ENRICH European Network of Research and Innovation Centers and Hubs, China); coordinator: spi Sociedade Portuguesa de Inovação, Porto, Portugal

2016 – 2017: Member, Expert Group for the Assessment of the Implementation of the Knowledge Triangle in the Knowledge and Innovation Communities (KICs), European Institute of Technology (EIT)

2015 - 2019: Senior Advisor for International STI Cooperation (special focus: China), Joint Programming Initiative Urban Europe. Coordinator: Federal Ministry of Transport, Innovation and Technology (BMVIT), Austria

2015 - 2016: Expert, OECD Review of Innovation Policy of Kazakhstan. Country Innovation Policy Reviews Science and Technology Policy Division, Directorate for Science, Technology and Innovation, OECD, Paris, France

2015 - 2018: Member, External Advisory Panel, Horizon 2020 "Dragon-Star ^{Plus}" – Sustaining technology and research cooperation EU-China. Coordinator: FORTH Foundation for Research and Technology Hellas, Greece

2015: Expert, INCO-NET Eastern Partnership and Inco-Net Central Asia, Lecturer on "International Cooperation in Science, Technology and Innovation" in the frame of seminars on "Research and Innovation Policy", Coordinator: Centre for Social Innovation (ZSI), Vienna, Austria

2015: Expert, BILAT – UKR*AINA, Lecturer "Good practices from Member States and H2020 Associated Countries: on the strategic framework, coordination and functioning of NCP networks" in the frame of the Conference "BILAT UKR*AINA 2nd Stakeholders' Forum: Enhancing Ukraine's Competitiveness in Research and Innovation on the way to the Association to Horizon 2020", Coordinator: Centre for Social Innovation (ZSI), Vienna, Austria

2014 - 2015: Expert, Ex-post evaluation of the Health theme in FP7, Public Policy and Management Institute PPMI, Vilnius, Lithuania

2014: Independent Observer, EIT 2014 Call for Knowledge and Innovation Communities (KICs), European Institute of Innovation and Technology (EIT), Budapest, Hungary

2014 - : Vice-Chairman, International Scientific Committee (ISC), Tomsk Polytechnic University (TPU), Russian Federation (Chairman: Dan Shechtman)

2014 - 2018: Chairman, Horizon 2020 Advisory Group for "International Cooperation", European Commission, DG Research and Innovation

2014 - 2015: Member, Horizon 2020 Advisory Group for "Spreading of Excellence and Widening Participation", European Commission, DG Research and Innovation

2013 - 2018: Member, Horizon 2020 Advisory Group for the Marie Skłodowska-Curie Actions on skills, training and career development (E02952), European Commission, DG Education and Culture

2013 – 2014: Expert, "Assessment of the Basic Principles for Effective International STI Agreements (SMART 2009/0042)", technopolis BV (NL)

2013 – 2014: Member, External Advisory Panel, FP7 "Dragon-Star", Coordinator: PRAXI / HELPFORWARD Network, Greece

2013 - 2014: Member, Advisory Board, "Science, Technology and Innovation (STI) performance of China", Coordinator: SPI - Sociedade Portuguesa de Inovação (PT)

2013 - 2017: Member, Advisory Board, FP7 BILAT USA 2.0. International Bureau of the Federal Ministry of Education and Research at the Project Management Agency c/o German Aerospace Center (DLR), Bonn, Germany

2012 - 2013: Expert, Benchmarking study – Options for the evaluation and selection process for the call for proposals for the new generation of Knowledge and Innovation Communities (KICs). European Institute of Innovation and Technology (EIT). Budapest, Hungary

2012: Member, Expert Group, Fuel Cell & Hydrogen Joint Undertaking in the framework of HORIZON 2020, Impact Assessment, European Commission, DG RTD/K2

2012: Team Leader, Peer Review of S&T Policy Mix in Kazakhstan, IncoNet EECA; Centre for Social Innovation (ZSI), Vienna, Austria

2012: Expert, Interim Evaluation of the FP7 Marie Curie Actions 2007 – 2013. Evaluation exercise for the European Commission. Public Policy and Management Institute, Vilnius, Lithuania

2011 - 2012: Independent Observer, Evaluation sessions of research proposals in relation to the Calls FP7-HEALTH-2012-INNOVATION-1 and FP7-HEALTH-2012-INNOVATION-2, European Commission

2011 - 2012: Member, Advisory Board, Pilot project "International Science and Technology Policy", Federal Ministry for Transport, Innovation and Technology and Austrian Institute for International Affairs (oiip), Austria

2011: Expert, Mid-Term Evaluation of the Implementation of the Romanian National Strategy for Research, Development and Innovation 2007-2013 and of the Romanian National Plan for Research, Development and Innovation 2007-2013, Technopolis Group Austria

2010-2011: Chairman, Expert Group for the Impact Assessment of activities in the areas of Food, Agriculture, Biotechnology and Fisheries during previous and on-going Framework Programmes, European Commission

2010-2011: Rapporteur, Expert Group "Synergies between FP, CIP and Structural Funds", European Commission

2010-2011: Expert, EU Project "JSO ERA Joint Support Office for Enhancing Ukraine's integration in the European Research Area", ECORYS Research and Consulting, Kiev, Ukraine

2010-2011: Member, Groups of independent experts for the Interim Evaluations of the Innovative Medicines Initiative, Clean Sky and Fuel Cell and Hydrogen Joint Undertakings, European Commission

2010-2011: Member, Task Force Priority Setting, Strategic Forum for International Cooperation (SFIC), on behalf of Federal Ministry of Transport, Innovation and technology (BMVIT) and federal Ministry of Science and Technology (BMWF)

2010 - 2011 : International High Level Expert, National Center for Science and Technology Evaluation (NCSTE), Beijing, China (Support and Advice for the International Evaluation of NSFC, the Natural

Science Foundation of China)

2010: Expert, Review of S&T cooperation between the European Union and the United States of Mexico 2005-2010 (together with José-Luis Brianoso, ES), European Commission

2010: Chairman, Final Evaluation Panel, EIT Call for Knowledge and Innovation Communities (KICs), European Institute of Innovation and Technology (EIT)

2010: Chairman of the panel of independent experts, COST Mid-term Evaluation, European Commission

2009-2010: Expert, Sino-Austrian research project "Organisational Models of Cooperation between Enterprises, Universities and R&D Institutions in Austria and China", AIT Austrian Institute of Technology, Department of Foresight and Policy Development, and CASTED China Academy of Science and Technology

2008 - 2017: Senior Advisor, CESAER, Conference of Schools for Advanced Engineering Education and Research, Leuven, Belgium

2008: Consultant, Research, Technology and Innovation Strategy, Vienna City Administration, Vienna, Austria

2008-2009: Expert, Review of S&T cooperation between the European Union and the USA 2003-2008 (together with Keith Harrap, UK), European Commission

2008 - 2013: Member, Independent External Advisory Group "Regional Aspects in the 7th Framework Programme", European Commission

2008: Expert, Review of the S&T cooperation between the European Union and the People's Republic of China (together with Nannan Lundin, SE), European Commission

2008: Member, International Panel of Experts, Evaluation of the Bruno Kessler Foundation and the Edmund Mach Foundation, Autonomous Province of Trento, Italy

2007-2008: Rapporteur, Expert Group on the Future of Networks of Excellence, European Commission

2007-2008: Member, ERA Expert Group "A wide opening of ERA to the World", European Commission

2007-2008: Member, ERA Expert Group "Optimising Research Programmes and Priorities", European Commission

2006-2008: Rapporteur, Independent External Advisory Group "Research Potential", Specific Programme "Capacities", 7th EU RTD Framework Programme, European Commission

2006: International Consultant, United Nations Development Programme for Serbia and Montenegro "Public/Private Partnerships for Science-based Innovation and Knowledge-driven Economic Development", Belgrade, Serbia

2006 – 2014: Member, Board of Trustees, Tomsk Polytechnic University, Russia

2006: Chairman, ERA-NET Expert Review Group, European Commission

2005-2006: Coordinator and lead expert, PHARE Twinning Light Project "RO-2003/IB/OT 04 "Support for improving the participation of Romania in FP6 and ERA", Ministry for Education and Science, Romania

2005-2009: External reviewer: PRIME "Policies for Research and Innovation in the Move towards the European Research Area", Network of Excellence, FP6 Priority "Citizens and Governance in a Knowledge-based Society", European Commission

2005: Special Advisor, Austrian Federal Ministry for Education, Science and Culture "Preparing the Steering Platform for Supporting the Integration of the Western Balkan Countries into European RTD Activities" including ministerial conference with the science ministers of the Western Balkan Countries, Vienna, 2 December 2005

2005: Reviewer, Socio-economic dimension in FP6, the 6th EU RTD Framework Programme (Mid-term

Review Report), European Commission

2004-2006: Coordinator, FP6 INCO Specific Support Action "ERA WESTBALKAN – Opening up the European Research Area to the Western Balkan Countries, 6th EU RTD Framework Programme

2002-2003: Coordinator, EU RTD Programme for international Cooperation INCO Specific Support Action "CROSTIM – Stimulating the Participation of Croatia in the EU RTD Programmes" 5th EU RTD Framework Programme

2001-2002: Chairman, Panel of experts, 2001 monitoring of the 5th Framework Programme for Research, Technological Development and Demonstration, European Commission

1999-2000: Chairman, Panel of experts, Five Years Assessment of the Specific EU RTD Programme „Co-operation with Third Countries and International Organisations - INCO“, European Commission

1998-1999: Chairman, ETAN Working Group „Improving Communication between Experts and Policy-makers on Science and Technology Policy Issues - The Case of ETAN“, European Commission

1998–2006: Initiator and partner of measures to support the integration into EU RTD activities of third countries, such as Candidate Countries, Western Balkan Countries, China, Russia

1998-2000: Team Leader, Phare SCI-TECH II Project PL 9611/02.01 „Polish Participation in EU RTD Activities“, (Partners: Fraunhofer Management GmbH, DE; TNO-STB and EG Liaison, NL), Foundation for Polish Science, Warsaw, Poland

1998: External Expert, Evaluation of the Swiss Information Network for the Community RTD Framework Programme, Federal Office for Education and Science, Berne, Switzerland

1996-1997: Chairman, Panel of experts, 5-Year Assessment of the Specific EU RTD-Programme „Targeted Socio-economic Research“, European Commission

1995–2001: Member, LEONARDO Advisory Council, Austria

1995–1998: Vice-President, SEFI (European Society for Engineering Education), Brussels, Belgium

1995–1997: Austrian Delegate, Committee for the Specific EU RTD Programme on "Training and Mobility of Researchers". (TMR Committee), European Commission

1995–1996: Member, 1995 and 1996 EU RTD Programme ACTS (advanced Communication Technologies and Service) Monitoring Panels, European Commission

1994–1998: Member, G28 - Advisory Group, Specific EU RTD Programme for „Advanced Communication Technologies and Services – ACTS“, European Commission

1994–1998: Austrian Delegate, Committee for the Specific EU RTD Programme on "Dissemination and Optimization of Results in the Field of Research and Technical Development Including Demonstration - The INNOVATION Programme 1994-1998", European Commission

1994–1996: Austrian Delegate, VALUE Committee, European Commission

1994: Chairman, Programme Committee, First International Conference on "Management of Collaborative European Programmes and Projects in Research, Education and Training", April 1994 (BIT in cooperation with University of Oxford, Vienna University of Technology and UKRHEEO), University of Oxford, UK

1993–2006: Chairman, Jury, MERCUR Innovation Prize of Economic Chamber Vienna

1992–1994: Kellogg Visiting Fellow, Department for Continuing Education, University of Oxford, UK

1991–1993: Co-Chairman, EC/EFTA Joint Committee for COMETT, European Commission

1991–1993: Chairman, EFTA Joint Committees for COMETT

1990–1994: Chairman, Task Force for Eastern Europe (funded by TEMPUS and the Austrian Government), European Society for engineering Education (SEFI)

1989–1999: Vice-President, Science Commission, Austrian Commission for UNESCO

1989–1993: Austrian Representative, Project Group on Performance Indicators in Higher Education, OECD/IMHE Programme (Institutional Management in Higher Education), OECD, Paris, France

1988–1990: Member, Council for Development Problems, Austrian Federal Minister for Foreign Affairs, Austria

1987–1993: Austrian Delegate, UNESCO General Conference

1981 to present: Coordinator, Conference of Rectors and Presidents of European Universities of Technology <http://www.crp-eut.org/>

Awards and honours (selection):

2018: Great Cross of Honours for Merits for the Republic of Austria, awarded by the Federal President of Austria

2008: Doctor honoris causa, Kaunas University of Technology, Lithuania

2006: Officier dans l'Ordre National du Mérite, France, appointed by President Jacques Chirac

2006: Honorary Professor, Tomsk Polytechnic University, Tomsk, Russia

2006: Austrian Cross of Honours for Science and the Arts, 1st Class, awarded by the Federal President of Austria

2004: „Special Crystal Prize“ for his contributions to the Polish participation in the Framework Programme of the European Union; awarded by Prof Michal Kleiber, Minister of Science, Poland

2002: SEFI Fellow, European Society of Engineering Education

1993: Large Silver Medal for Special Merits for the Economy of Vienna, awarded by the President of the Economic Chamber Vienna