

ANNEX 1 Scientific and Technological Co-operation Programme Austria - Special Call Sustainable Energy Czech Republic - 2014-15

Nr. AT	Nr. Koop	Project Title	AUSTRIA		KOOP		BUDGET			
			Name	Institution	Name	Institution	Budget AT 2014	Budget CZ 2014	Budget AT 2015	Budget CZ 2015
5	7AMB14A TE005	Polymer nanocomposites with metal nanoparticles for optoelectronic and energy-conversion applications.	White, Matthew	Universität Linz	Stajski, Jaroslav	Czech Academy of Science / Institute of Macromolecular Chemistry	€ 2.656,00	100.000 Kč	€ 2.656,00	100.000 Kč
2	7AMB14A TE002	Electrical conductivity and temperature gradient mapping in nanoscopic to microscopic scale in nanometer thick H-bonded organic layers using Organic Field Effect Transistor (OFET) and Organic Light Emitting Diode (OLED) configurations.	Havlicek, Marek	Universität Linz	Klapetek, Petr	Czech Metrology Institute / Department of Nanometrology, Czech Metrology Institute	€ 2.715,00	100.000 Kč	€ 2.277,00	100.000 Kč
1	7AMB14A TE001	SolCav - Seasonal Cavern Related Storage of Solar Excess Heat in the Border Region between Austria and the Czech Republic	Gützl, Gregor	Geologische Bundesanstalt	Franek, Jan	Czech Geological Survey / Geological Division and Division of Informatics	€ 2.210,00	54.000 Kč	€ 1.040,00	27.000 Kč
4	7AMB14A TE004	Nanometer scale electrical investigation of silicon materials for solar energy conversion	Teichert, Christian	Montanuniversität Leoben	Fejfar, Antonín	Academy of Sciences of Czech Republic / Institute of Physics	€ 2.664,00	65.000 Kč	€ 2.724,00	50.000 Kč
3	7AMB17A TE003	Study of heat and moisture transport in the structure of advanced silicate materials used for thermal insulation and renovation of buildings	Korjenic, Azra	Technische Universität Wien	Zach, Jirí	Bmo University of Technology, / Faculty of Civil Engineering, Institute of Technology of Building Materials and Components.	€ 2.792,00	82.000 Kč	€ 2.792,00	82.000 Kč
							€ 13.017,00	401.000 Kč	€ 11.489,00	359.000 Kč

ANNEX 2 Scientific and Technological Co-operation Programme Austria - CZECH REPUBLIC - 2014-15

TeamNr.	AUSTRIA		Projekttitel	CZECH REPUBLIC		Budget AT 2014	Budget AT 2015	Budget CZ 2014	Budget CZ 2015
	Name	Organisation		Name	Institution				
7	7AMB1 4AT007	Hauer, Jürgen Technische Universität Wien	Einzel- und Doppelquanten elektronische 2D-Kohärenzspektroskopie an vibronisch gekoppelten Systemen: von molekularen Dimeren zu natürlichen Lichtsammelkomplexen, Single and double quantum coherence 2D electronic spectroscopy of vibronically coupled systems: from molecular dimers to natural light harvesters	Sanda, Frantisek Karis-Universität Prag / Institute of Physics, Theoretical Division, Faculty of Mathematics and Physics	€ 2.796,00	€ 2.796,00	CZK 76.000,00	CZK 86.000,00	
23	7AMB1 4AT023	Wester, Roland Universität Innsbruck	Wechselwirkungen negativer Ionen mit mit Relevanz für die Astrophysik, Study of anion processes relevant for astrophysics	Roucka, Stepan Charles University in Prague / Faculty of Mathematics and Physics Department of Surface and Plasma Science	€ 2.770,00	€ 2.770,00	CZK 100.000,00	CZK 100.000,00	
20	7AMB1 4AT020	Strauss, Peter Bundesamt für Wasserwirtschaft	Einfluss der Landschaftsstruktur auf Abfluss-Erosions- und Transportprozesse und Bodenqualität, The effect of landscape patterns on rainfall-runoff, erosion and transport processes and soil quality	Dostal, Tomas Technical University Prague, Faculty for Civil Engineering / Department of Irrigation, Drainage and Landscape	€ 2.290,00	€ 2.290,00	CZK 78.000,00	CZK 78.000,00	

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5 7AMB1 4AT005	Grausgruber, Heinrich	Universität für Bodenkultur Wien	Waxy Weizen: Möglichkeiten der Identifikation, ernährungsphysiologische und technologische Auswirkungen auf Mehl und Gebäckeseigenschaften, Waxy wheat: Possibilities of identification, nutritional and technological effects on flour and bread-properties	Dvůrčák, Václav Prague (Výzkumný ústav rostlinné výroby, v.v.i. (VURV)) / Division of Plant Genetics, Breeding and Product Quality (Odbor genetiky, šlechtění a kvality produkce) Department of Gene Bank (Oddělení genové banky)	€ 2.600,00	€ 2.600,00	CZK 100.000,00	CZK 100.000,00	
19 7AMB1 4AT019	Springholz, Gunther	Universität Linz	Epitaktisches Wachstum und Eigenschaften von kristallinen topologischen Isolatoren, Epitaxial Growth and Properties of Crystalline Topological Insulators	Holy, Václav	€ 2.780,00	€ 2.820,00	CZK 100.000,00	CZK 100.000,00	
4 7AMB1 4AT004	Grampp, Günter	Technische Universität Graz	Synthese und kinetisch- spektroskopische Untersuchungen neuer organischer photoaktiver Systeme., Syntheses and kinetic spectroscopic investigations of new organic photoactive systems.	Al Monasy, Numan	€ 2.465,00	€ 2.305,00	CZK 96.300,00	CZK 96.300,00	

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12	7AMB1 4AT012	Merta, Jiriko Technische Universität Wien	Entwicklung neuer Versuchskonfigurationen zur Bestimmung der relevanten Werte der Bruchereigenschaften von zementgebundenen Verbundwerkstoffe, Development of new testing configurations for determination of relevant values of fracture characteristics of cementitious composites (DeTeCon)	Veselý, Václav Vysoké učení technické v Brně Fakulta stavební / Ústav stavební mechaniky	€ 2.764,00	€ 2.764,00	CZK 90.000,00	CZK 90.000,00	
1	7AMB1 4AT001	Bermejo, Raul Montanuniversität Leoben	Verständnis der Rissausbreitung in vielschichtigen keramischen Strukturen zur Erhöhung der mechanischen Eigenschaften, Understanding of the crack propagation in ceramic multilayer structures to enhance mechanical properties	Sevecek, Oldrich Brno University of Technology (BUT) / Faculty of mechanical engineering, Institute of solid mechanics, mechatronics and biomechanics.	€ 2.260,00	€ 2.260,00	CZK 47.000,00	CZK 47.000,00	

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	AT	CZ		Name	Institution				
6	7AMB1 4AT006	Greb, Thomas Gregor-Mendel- Institut für Molekulare Pflanzenbiologie GmbH (GMI)	Die hormonelle Regulation des sekundären Dickenwachstums in Arabidopsis, Hormonal regulation of secondary thickening in Arabidopsis	Hejlatko, Jan	Central European Institute of Technology of Masaryk University / Arbeitsgruppe Jan Hejlatko	€ 2.452,00	€ 2.452,00	CZK 68.000,00	CZK 68.000,00
16	7AMB1 4AT016	Rinnerthaler, Mark Universität Salzburg	Funktion von TCTP/MMI1 in der Kontrolle der Proteindegradation in Saccharomyces cerevisiae, Role of TCTP/MMI1 in controlling protein degradation in yeast	Hašek, Jiří	Academy of Sciences Czech Republic / Institute of Microbiology of AS CR / Laboratory of Cell Reproduction	€ 2.794,00	€ 2.716,00	CZK 68.000,00	CZK 68.000,00

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13	7AMB1 4AT013	Neuschwandtner, Reinhard Universität für Bodenkultur Wien	Einfluss unterschiedlicher Bodenbearbeitungsverfahren n auf die vertikale Nährstoffverteilung im Ackerboden eines Langzeitversuches mit besonderer Berücksichtigung von Phosphor und Schwefel, Influence of different soil tillage systems on the vertical nutrient distribution in an agricultural soil of a long-term experiment with special focus on phosphorus and sulphur	Szakova, Jirina Czech University of Life Sciences Prague (CULS) / Department of Agro- Environmental Chemistry and Plant Nutrition	€ 2.060,00	€ 2.060,00	CZK 70.000,00	CZK 80.000,00	
15	7AMB1 4AT015	Rank-Löffinger, Theresa Universität Wien	Magnetische Sterne - ein astrophysikalisches Enigma, Shed more light on magnetic stars	Janik, Jan Masaryk University / Department of Theoretical Physics and Astrophysics	€ 2.430,00	€ 2.430,00	CZK 66.000,00	CZK 66.000,00	
18	7AMB1 4AT018	Slugovc, Christian Technische Universität Graz	Makroporöse mikrozeuläre vernetzte Polymere via Ring öffnender Metathese Polymerisation, Macroporous microcellular hypercrosslinked polymers by Ring Opening Metathesis Polymerisation	Jerabek, Karel Czech Academy of Sciences / Institute of Chemical Process Fundamentals	€ 984,00	€ 1.184,00	CZK 32.000,00	CZK 36.000,00	

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22	7AMB1 4AT022	Universität Graz	Das vollständige Bild der kleinskaligen solaren Magnetfeldynamik und ihre Implikationen, The complete picture of small scale solar magnetic field dynamics and its implications	Barta, Miroslav	Astronomical Institute of the Academy of Sciences of the Czech Republic, Ondřejov, Czech Republic / Solar Physics Department	€ 2.800,00	€ 2.800,00	CZK 35.000,00	CZK 35.000,00
11	7AMB1 4AT011	Technische Universität Wien	Permeation kondensierbarer Gase durch asymmetrische Membranen, Permeation of condensable gases through asymmetric membranes	Rezníčková, Jiřina	Akademie věd České republiky / Ústav chemických procesů	€ 2.110,00	€ 2.110,00	CZK 56.000,00	CZK 56.000,00
						€ 36.555,00	€ 36.557,00	CZK 1 082 300,00	CZK 1 106 300,00