

PERSONAL INFORMATION

Johannes Kisser



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rhizoscope.eu

LinkedIn www.linkedin.com/in/johannes-kisser

Sex male | Date of birth 08/12/1980 | Nationality Austrian

POSITION

Professional freelancer, strategy development, system design

WORK EXPERIENCE

2025-09 to current

Director

Rhizoscope L.P., 54642 Thessaloniki

- engineering the circular economy
 - consulting services, fundraising, urban development
- [innovations to applications](#)

2024-10 to current

Lecturer at University of Rostock

Agriculture, Civil & Environmental Engineering, uni-rostock.de/en, Germany

- circular construction and nature-based solutions (for MSc)
- [teaching about sustainable construction, application of NBS](#)

2024-12 to 2025-12

Scientific expert

CluBE - Cluster of Bioeconomy and Environment of Western Macedonia, clube.gr, Greece

- circular bioeconomy, systemic transformation methodology, nature-based solutions
 - grant proposal support
- [support and scientific lead for implementing EU projects](#)

2024-09 to current

Freelancer systemic innovations

Greece, Austria, World

- systemic innovations and transformation around circular economy & nature-based solutions
 - grant proposal coordination / planning
- [systemic innovations, strategy planning](#)

2022-02 to current

Evaluator

For Horizon Europe and other proposals, hackathons, etc.

- evaluation against call text and current EC strategies
 - scoring against different criteria
- [knowledge valorisation](#)

2021-01 to current

ECESP Leadership Group Member

European Circular Economy Stakeholder Platform

- *ECESP Leadership Group - Food Waste, Food Systems, Bioeconomy; Economic Incentives; Cities & Regions; Construction & Infrastructure*
- [exchange on barriers, policies, solutions, recommendations](#)

- 2019-01 to 2024-06 **Managing director**
 alchemia-nova research & innovation gemeinnützige GmbH, alchemia-nova.eu
 1140 Vienna, Austria
- circular bioeconomy and residue valorisation
 - knowledge transfer
- [research and innovations, technical development](#)
- 2019-01 to 2024-06 **Technical Director**
 alchemia-nova GmbH, alchemia-nova research & innovation gemeinnützige GmbH, alchemia-nova.net, Vienna - Austria; alchemia-nova Greece IKE, alchemia-nova.gr, Thessaloniki - Greece
- project development around circular economy and nature-based solutions consultation
 - services for circular business solutions
- [consulting, development of innovation and circular solutions, systems design](#)
- 2020-10 to current **Lecturer at Danube University Krems**
 Building & Environment, donau-uni.ac.at, Austria
- circular construction and building (for MSc)
- [teaching about sustainable buildings and city planning](#)
- 2018-09 to 2024-09 **Lecturer at University of Applied Sciences Burgenland**
 FH Burgenland, Campus Pinkafeld, fh-burgenland.at, Austria
- Corporate Social Responsibility, best practice and green washing (for MSc.)
- [teaching about responsibility for people, persons, planet, profit](#)
- 2009-09 to 2020-06 **Lecturer at University of Applied Sciences Wiener Neustadt**
 FH Wiener Neustadt, Campus Wieselburg, amu.at, Austria
- Applied production of consumer goods (for MSc)
 - Value chain management in food production processes (for MSc)
 - Green Products (for BSc)
- [teaching about sustainable production](#)
- 2019-04 to 2020-11 **Evaluator and judge**
 For the European Social Innovation Challenge 2019 about Plastic Waste, eusic.challenges.org
- assessing and evaluating
 - judging autonomously and together with other members of the judging panel
 - mentoring participants
- [judging and mentoring European social innovators](#)
- 2016-09 to 2019-04 **Initiator and co-founder of Bioversum - nature-inspired systems**
 Bioversum association, bioversum.org, Eisenstadt - Austria
- biomimicry workshops and teaching
 - design and innovations inspired by nature
- [speeches, workshops, education, cooperation with European Biomimicry Alliance](#)
- 2010-10 to 2019-01 **Founder and managing director, circular processes**
 alchemia-nova GmbH, institute for innovative phytochemistry & closed loop processes, alchemia-nova.net, Baumgartenstrasse 93, 1140 Vienna, Austria
- business and research strategies
 - circular economy
 - biorefineries
 - Cradle to Cradle® optimisation and certification

research, development and know-how transfer

2006-01 to 2010-09

Technical assistance

Monika Iordanopoulos-Kisser, consulting office for environment and waste management,
<http://www.mjkisser.at/>, Hauptstrasse 118, A-3001 Mauerbach, Austria

- preparation of sampling plans
- sampling and characterisation of waste
- research studies on background information
- technical administration

[Consulting engineering office for environment, especially waste](#)

2002-02 to 2010-08

Scientist for phytochemistry

alchemy-nova association, Research Institute for Innovative Phytochemistry, Obere Viaduktgasse 29,
 A-1030 Vienna, Austria

- research of products formerly known as “waste”
- value creation and cascade utilisation of biogenic resources
- development of sustainable products & Cradle to Cradle® optimisation
- board member

[Research institute](#)

July, August 2009

UNESCO Biosphere Reserve

Alpen-Adria University Klagenfurt, Institut for Social Ecology, aau.at/en/social-ecology,
 Universitätsstraße 65-67, 9020 Klagenfurt, Austria

- Interviews and workshops with the mayor, stakeholders and inhabitants of the island Samothrace in Northern Greece in the course of the implementation of a UNESCO Biosphere Reserve

[Assessing socio-ecological needs and communicate them](#)

2005-01-17 to 2005-07-11

Environmental analysis

NUA Umweltanalytik GmbH, eurofins.at/umwelt/nua-umweltanalytik, Südstadtzentrum 4, A 2344 Ma.
 Enzersdorf, Austria

- Sampling and analysis from contaminated sites, water, excavation, and waste

[Accredited laboratory for environmental analysis, waste and wastewater analysis](#)

2001-07

Sampling

Lower Austrian Environmental Protection Institution, Südstadtzentrum 4, A 2344 Ma. Enzersdorf

- Sampling at Waste site of Kouroupitos in Crete, Greece

[Waste analysis](#)

1998-07

Practical training

Lower Austrian Environmental Protection Institution, Südstadtzentrum 4, A 2344 Ma. Enzersdorf

- Practical work at a landfill

[Waste management](#)

EDUCATION AND TRAINING

From 03-2014 to current

PhD

University of Natural Resources and Life Sciences Vienna, Institute of Soil Research, Austria,
boku.ac.at/en

- From resource recovery with natural means to regenerative system design

03-2011 to 09-2012

Botanist of medicinal plants

FNL, Freunde naturgemäßer Lebensweise (friends of the natural way of life), Austria

- Recognition and preparation of traditional European medicinal plants

01 to 05-2011 **CSR-Manager**

plenum - sustainability, change, impact, plenum.at, Austria

- Integrated CSR-management

10-2001 to 06-2011 **DI, MSc.**

Vienna University of Technology, tuwien.ac.at/en, Austria

- Chemical engineering, specialisation in food- and phytochemistry

10 to 11-2006 **Official sampler**

Federal Environment Agency – Austria

- Sampling and development of a sampling plan according to EN 14899

PERSONAL SKILLS

Mother tongues German, Greek

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	A2	B1	A2	A1	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- managed in CSR competencies and stakeholder communication
- intercultural skills: two cultures, Austria and Greece, different approaches on any kind of theme
- dissemination for several EU projects
- >100 talks on many different events
- developer and organiser of >40 multi-stakeholder projects
- holding lectures for more than 15 years

Organisational / managerial skills

- leadership
- strategical planning
- human resources

Job-related skills

- technical developments
- systems design
- proposal management
- connecting dots
- visionary and pioneer

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Proficient user	Proficient user	Independent user	Independent user

- good command of office suite (word processor, spread sheet, presentation software)
- good command of illustration, process flow, communication software
- video and sound editing

- Other skills**
- sport climbing instructor
 - glass blowing
 - height safety knowledge
 - work experience for many years in Greece
 - technical climbing on Stadium of Olympia in Athens 2004
 - far-distance-cyclist

Driving licence A, B

ADDITIONAL INFORMATION

Publications and patents

- Kisser, J. et al., (2024). **Wildfire protection measures with nature-based solutions and non-conventional water sources**. Under development
- Vobruba, T.; Hartl, M.; Langergraber, G.; Pucher, B.; Gattringer, H.; Bertino, G.; Panzenböck, F.; Kisser J. (2024); **vertECO* vertical green wall system demonstration for domestic wastewater treatment and on-site reuse in an Austrian eco-village**. Ecol Eng 211, 107460; doi.org/10.1016/j.ecoleng.2024.107460
- Kisser, J., & Bertino, G. (2022). **Kreislauffähiges Bauen und Sanieren**. In *Robuste Architektur*. Edition Detail. detail.de/de/de_de/robuste-architektur-fachbuch
- Freek van Eijk, Anca Turtoi, Abdulla Moustafa, Keita Hamada, Jessica Reiss Leffers, Sabine Oberhuber, Laura Cutaia, Paola Altamura, Marilisa Cellurale, Christine Lemaitre, Simone Pitzal, Christine Ruiz Duran, Gonzalo Sanchez, Gaetano Bertino, Johannes Kisser, Dominik Campanella, Anne-Christine Ritschkoff, (2021). **Circular Buildings and Infrastructure - State of Play Report**; ECESP Leadership Group on Buildings and Infrastructure
- Cakmak, E.K., Hartl, M., Kisser, J., Cetecioglu, Z., (2022). **Phosphorus mining from eutrophic marine environment towards a blue economy: the role of bio-based applications**. Water Research. doi.org/10.1016/j.watres.2022.118505
- Wirth, M., Vobruba, T., Hartl, M., & Kisser, J. (2021). **Potential Nutrient Conversion Using Nature-Based Solutions in Cities and Utilization Concepts to Create Circular Urban Food Systems**. Circular Economy and Sustainability. doi.org/10.1007/s43615-021-00081-6
- Nika, C.-E.; Expósito, A.; Kisser, J.; Bertino, G.; Oral, H.V.; Dehghanian, K.; Vasilaki, V.; Iacovidou, E.; Fatone, F.; Atanasova, N.; et al. (2021). **Validating Circular Performance Indicators: The Interface between Circular Economy and Stakeholders**. Water, 13(16), 2198. doi.org/10.3390/w13162198
- van Hullebusch, E. D., Bani, A., Carvalho, M., Cetecioglu, Z., De Gussemme, B., Di Lonardo, S., Djolic, M., van Eekert, M., Griessler Bulc, T., Haznedaroglu, B. Z., Istenič, D., Kisser, J., Krzeminski, P., Melita, S., Pavlova, D., Plaza, E., Schoenborn, A., Thomas, G., Vaccari, M., ... Zeeman, G. (2021). **Nature-Based Units as Building Blocks for Resource Recovery Systems in Cities**. Water, 13(22), 3153. doi.org/10.3390/w13223153
- Bertino, G., Rose, G., & Kisser, J. (2021). **Drivers and Barriers for Implementation and International Transferability of Sustainable Pop-up Living Systems**. Circular Economy and Sustainability. doi.org/10.1007/s43615-021-00063-8
- Kisser J., Wirth M. (2021). **The Fabrics of a Circular City**. In: Liu L., Ramakrishna S. (eds) An Introduction to Circular Economy. Springer, Singapore. doi.org/10.1007/978-981-15-8510-4_4
- Kisser, J., Wirth, M., et al. (2020). **A review of nature-based solutions for resource recovery in cities**. Blue-Green Systems, 2(1), 138–172. doi.org/10.2166/bgs.2020.930
- Langergraber, G., Pucher, B., Simperler, L., Kisser, J., Katsou, E., Buehler, D., Mateo, M. C. G., & Atanasova, N. (2020). **Implementing nature-based solutions for creating a resourceful circular city**. Blue-Green Systems, 2(1), 173–185. doi.org/10.2166/bgs.2020.933
- Bertino, G., Kisser, J., Zeilinger, J., Langergraber, G., Fischer, T., & Österreicher, D. (2021). **Fundamentals of Building Deconstruction as a Circular Economy Strategy for the Reuse of Construction Materials**. Applied Sciences, 11(3), 939. doi.org/10.3390/app11030939
- Bertino, G., Menconi, F., Zraunig, A., Terzidis, E., & Kisser, J. (2018). **Innovative circular solutions and services for new buildings and refurbishments**. 83–91. doi.org/10.2495/ARC180081
- Reinberg V., Steffl T., Gronalt M., Ganglberger E., Thaler J., Müller M., Biebl A., Niederwieser J., Kisser J. (2020). **AUSTRIAN BIOCYCLES: biobased industry in contribution to a circular economy**, (13/2020). BMK nachhaltigwirtschaften.at/de/publikationen/austrian-biocycles-biobasierte-industrie-kreislaufwirtschaft.php
- Steffl, T., Kisser, J., Reinberg, V., & Sajtos, B. (2018). **Biobased substitution of fossil raw materials and products** (3/2018). BMVIT. nachhaltigwirtschaften.at/de/projekte/stoffliche-nutzung-fossiler-rohstoffe-in-oesterreich-biobasierte-substitution.php
- Frischenschlager H., Reinberg V., Kisser J., **Biobased Plastics Scenario 2050 - plastics made from renewable**

	resources (6/2018). BMVIT nachhaltigwirtschaften.at/de/projekte/biobasierter-kunststoff-szenario-2050.php Kidd, P. S., Bani, A., Benizri, E., Gonnelli, C., Hazotte, C., Kisser, J., Konstantinou, M., Kuppens, T., Kyrkas, D., Laubie, B., Malina, R., Morel, J.-L., Olcay, H., Pardo, T., Pons, M.-N., Prieto-Fernández, Á., Puschenreiter, M., Quintela-Sabaris, C., Ridard, C., ... Echevarria, G. (2018). Developing Sustainable Agromining Systems in Agricultural Ultramafic Soils for Nickel Recovery. <i>Frontiers in Environmental Science</i>, 6. doi.org/10.3389/fenvs.2018.00044 Kisser, J., Gattringer, H., and Iordanopoulos-Kisser, M. 'Recovering Metals from Sewage Sludge, Waste Incineration Residues and Similar Substances with Hyperaccumulative Plants', 21., 2015. Rosenkranz, T., Kisser, J., Gattringer, H., Iordanopoulos-Kisser, M., and Puschenreiter, M. 'Phytomining of Valuable Metals from Waste Incineration Residues Using Hyperaccumulator Plants', 17:8837, 2015. adsabs.harvard.edu/abs/2015EGUGA..17.8837R Rosenkranz, T., Kisser, J., Wenzel, W., and Puschenreiter, M. 'Waste or Substrate for Metal Hyperaccumulating Plants – The Potential of Phytomining on Waste Incineration Bottom Ash'. <i>Science of The Total Environment</i> 575 (1 January 2017): 910–18. doi.org/10.1016/j.scitotenv.2016.09.144. Zraunig, A., Gattringer, H., Kisser, J., Radtke, M.; Building-Integrated Indoor Vertical Ecosystem for Treatment and Recycling of Greywater; Sustainable Sanitation Practice, Issue 23/2015 Zraunig, A., Estelrich, M., Gattringer, H., Kisser, J., Langergraber, G., Radtke, M., Rodriguez-Roda, I., & Buttiglieri, G. (2019). Long term decentralized greywater treatment for water reuse purposes in a tourist facility by vertical ecosystem. <i>Ecological Engineering</i>, 138, 138–147. doi.org/10.1016/j.ecoleng.2019.07.003 Gattringer, H., A. Claret, M. Radtke, J. Kisser, A. Zraunig, I. Rodriguez-Roda, and G. Buttiglieri. 'Novel Vertical Ecosystem for Sustainable Water Treatment and Reuse in Tourist Resorts'. <i>International Journal of Sustainable Development and Planning</i> 11, no. 3 (21 July 2016): 263–74. doi.org/10.2495/SDP-V11-N3-263-274 Kisser, J., Gattringer H., Zraunig, A., and Radtke, M. 'Innovative Water Treatment with the Vertical Ecosystem for an Optimal and Safe Closed Water Cycle in Tourist Facilities', 2, 2016 Patent Nr. AT516363 - VertECO® System - Gradual vertical constructed wetland for waste-water filtration and purification. <i>Heinz Gattringer, Johannes Kisser, Manfred Radtke</i> Name trademarks: vertECO®, vertical ecosystem®, Bioversum®, LooPi® Many more short paper publications in conference proceedings
Presentations and conferences	More than 30 keynote presentations and more than 100 contributions at conferences like the Phytotechnologies Conference, e-nova Sustainable Buildings, European Water Association Conferences, International Water Association Conferences, the European Geoscience Union General Assembly, Industrial Waste Valorisation, Urban Mining Conference, International Conference on Environmental Engineering and Management, International Solid Waste Management Conferences, Growth in Transition, Future of Building, Plant Sciences, European Summit of Industrial Biotechnology, Nature-Based-Solutions in Cities, and many others.
Honours and awards	Austrian Environment Award 2007 Energy Globe Award Lower Austria 2010 Innovate4Nature finalists 2018 Climate KIC – climate launchpad finalists 2018 Honorary price for concept of Otto Wagner hospital 2018 Energy Globe Award Vienna Category Water 2019 Energy Globe Award Austria 2019 Africa Innovation Challenge 2020 Winner Green Concept Award 2021 Nominee Trigos Sustainability Award 2022 Sustainability Entrepreneur of the Year 2022
Projects	Around 50 industry and business projects (consulting, development, construction) in Austria, Greece, Spain, Sweden, France, Switzerland, Germany, Mexico, China, Thailand, Namibia, Botswana, Ghana, South Africa, ... <u>Projects in EU and Austria including direct contracts with ministries and municipalities in three major topics:</u> - <u>Circular Bioeconomy, Sustainable Development</u> Olive residues valorisation - supporting Greek olive industry to turn waste into resources EQUATERRA - reconstructing Ukraine, restoring soil and water, HORIZON-CL6-2025-01-CIRC BIO-13 (GA101291100 under negotiation) REMEDIES 5.0 - circular blue economy, HORIZON-MISS-2025-03-OCEAN-05 (GA 101295884 under negotiation) VERNE - circular economy for tourism, HORIZON-CL6-2024-CircBio-01-04 (GA 101181941) verneproject.eu REHUBS - climate vulnerability, HORIZON-MISS-2024-CLIMA-01-07 (GA 101214051) rehubs-project.eu ReLEAF - Recycling Locally Produced Bio-Wastes to Ensure Affordability and Availability of Innovative Bio-Based Fertilisers, HORIZON-JU-CBE-2023-IA-02 (GA 101156998) releafproject.eu RURBANIVE - RUral-uRBAN synergies emerged in an immersive innovation ecosystem, HORIZON-CL6-2023-COMMUNITIES-01-02 (GA 101136597) rurbanive-project.eu SYMBIO - Shaping symbiosis in bio-based industrial ecosystems based on circular by-design supply chains, HORIZON-CL6-2023-CircBio-01-7 (GA 101135166) symbioproject.eu

FUTURAL - Empowering the future through innovative smart solutions for rural areas, HORIZON-CL6-2022-COMMUNITIES-02-01-two stage (GA 101083958) futural-project.eu

BECBA - Boosting Employability through Circularity of Bio-waste in the Rural areas, ERASMUS-YOUTH-2022-CB (GA 101093619) academyofentrepreneurship.org/becba

INSPIRE - Innovative Solutions for Plastic Free European Rivers, HORIZON-MISS-2022-OCEAN-01-04 (GA 101112879) inspire-europe.org

BIOTRANSFORM - Circular BIOeconomy TRANSFORMAtion through connected biorefineries, HORIZON-CL6-2022-CIRCBIO-01-03 (GA 101081833) biotransform-project.eu

REMEDIES - Co-creating strong uptake of REMEDIES for the future of our oceans through deploying plastic litter valorisation and prevention, HORIZON-MISS-2021-OCEAN-03-01 (GA 101093964) remedies-for-ocean.eu

BIECONOMY VENTURES - raising disruptive bioeconomy ventures, start-ups and spin-offs to the top, BBI-2020-SO4-S1 (GA 101023260) bioeconomyventures.eu

DIVAGRI - Revenue DIVersification pathways in Europe and Africa through bio-based sustainable AGRiCultural innovations, CE-SFS-36-2020 (GA 101000348) divagri.org

CATCO2NVERS - Creating added-value chemicals from bio-industrial CO2 emissions using integrated catalytic technologies, LC-FNR-13-2020 (GA 101000580) catco2nvers.eu

DEEP PURPLE Conversion of diluted mixed urban bio-wastes into sustainable materials and products in flexible purple photobiorefineries, H2020-BBI.2018.SO1.D2 (GA 837998) deep-purple-project.eu

VOG industry - apple pomace valorisation (direct contract)

KernCraft, food & non-food valorisation pathways of stone fruit kernels, converting residues, planning processing chain (3 projects) alchemy-nova.eu/projects/kerncraft

HELICAS sunflower biomass cascading utilisation, converting sunflower biomass residues for a big range of applications, FP6-COOP-CT-2005-017992

MFA Biobased Industry, Austrian Ministry of Technology and Innovation; 2017-2018, Material flow analysis of the material utilisation of fossil carbon in Austria with a focus on the transformation into a bio-based industry

Austrian Bioplastics Roadmap 2050, Austrian Ministry of Technology and Innovation, 2017-2018, Roadmap that provides recommendations for action and future research needs in order to achieve a significant increase in the production of bio-based plastics in the EU by 2050

Austrian Biocycles, Austrian Ministry of Technology and Innovation, 2019-2020, technologies, logistics and economics of secondary biomass availability and substitution potential for producing industries.

EIB Framework Contract - TA20210614 R0 FWA - Framework Agreement to Support EIB Advisory Services (EIBAS) Activities Inside and Outside EU-27 - Lot 1 Environment

DIRECT HUBS - Direct REgenerative Co-Creative Transformation HUBS, Energy Transition 2050 - Climate & Energy Fund (Project no. 883471)

- [Nature-Based Solutions](#)

ProCleanLakes - Integrated Action for the Restoration and Protection of European Natural Lakes, HORIZON-MISS-2023-OCEAN-01-04 (GA 101157886) procleanlakes.eu

GEORGIA - Green dEal cOmpliant iRriGation Increasing Europe's Agriculture resilience to drought, CL6-2024-CLIMATE-01-01 (GA 101181572) georgia-horizon.eu

NATURE-DEMO - Nature-Based Solutions for Demonstrating Climate-Resilient Critical Infrastructure, HORIZON-MISS-2023-CLIMA-01-02 (GA 101157448) nature-demo.eu

Greening Athens - Heat Mitigation Guidelines for the City of Athens, onebillionresilient.org/hadrian-aqueduct-cooling-district-heat-risk-reduction-guidelines

NBSoil - NBS for Soil Management, HORIZON-MISS-2021-SOIL-02 (GA 101091246) nbsoil.eu

NORDEN Baltic Sea - prototype testing of a novel engineered floating wetland system in the Utö, Stockholm archipelago, Nordic Council of Ministers

CARDIMED - Climate Adaptation and Resilience Demonstrated In the MEDiterranean region, HORIZON-MISS-2022-CLIMA-01-06 (GA 101112731) cardimed-project.eu

SYMBIOREM - Symbiotic, circular bioremediation systems and biotechnology solutions for improved environmental, economic and social sustainability in pollution control, HORIZON-CL6-2021-ZEROPOLLUTION-01-10 (GA 101060361) symbiorem.eu

MULTISOURCE - ModULar Tools for Integrating enhanced natural treatment SOLUTIONs in URban water CyclEs, SC5-27-2020 (GA 101003527) multisource.eu

WATERAGRI - Water retention and nutrient recycling in soils and streams for improved agricultural production, H2020-SFS-23-2019 (GA 858375) wateragri.eu

HYDROUSA - Demonstration of water loops with innovative regenerative business models for the Mediterranean region, H2020-CIRC-2-2017 (GA 776643) hydrousa.org

GRecoMet, Austria research project no. 853480, Green Recovery of Metals from waste incinerator residues, alchemy-nova.eu/projects/grecomet

Bergwerk Pflanze (transl. Mine Plant), Austria research project no. 843643, Innovative recovery of metals from incineration slags with hyperaccumulating plants, alchemy-nova.eu/projects/bergwerk-pflanze

demEAUmed, FP7 Water Inno&Demo (GA 619116), demonstrating integrated innovative technologies for an optimal and safe closed water cycle in Mediterranean tourist facilities, demeaumed.semide.net

Automate vertECO®, Integration of sensors and automatisms in green water cleaning wall, Automation and sensor integration for the vertECO® unit, a green living indoor wall for greywater cleaning, H2020-INNOSUP-

2016 (GA 739732)

- Circular Construction, Systemic Circular Economy

HUBS4BUILD - systemic circular economy, bio-based construction products, HORIZON-CL6-2025-01-CIRCBIO-07 (GA 101291180 under negotiation)

KRAISBAU - Austrian flagship project for systemic change to circular construction also using AI kraisbau.at

FavoriteFlows - demonstrating water and energy cycles on a building complex in Vienna, alchemy-nova.eu/projects/favoriteflows

ATRIUM - Sustainable construction with eco-friendly materials, HORIZON-CL6-2023-CircBio-01-8 (GA 101135031) atriumproject.eu

LOW TECH innovation-lab - low-tech solutions, alchemy-nova.eu/projects/low-tech-innovation-lab

HOUSEFUL - Innovative circular solutions and services for new business opportunities in the EU housing sector, H2020-CIRC-1-2017 (GA 776708) houseful.eu

Green INSTRUCT, Green INtegrated STRUCTural elements for retrofitting and new construction of buildings, H2020-EeB-04-2016 (GA 723825) greeninstruct.eu

ReCO2ST - Residential Retrofit assessment platform and demonstrations for near zero energy and CO2 emissions, H2020-EeB-05-2017 (GA 768576) reco2st.eu

PVadapt - Prefabrication, Recyclability and Modularity for cost reductions in Smart BIPV systems, H2020-LC-SC3-RES-6-2018 (GA 818342)

gugler! build & print triple zero, Federal Ministry for Transport, Innovation and Technology. Programm: Houses of Tomorrow plus, 2010. hausderzukunft.at/results.html/id6466

Kempelenpark construction - establishing water loops with nature-based solutions at two buildings in Vienna, **Oberlaa construction** - water loop at buildings in Vienna

Circular construction workshops for Austrian ministries

Vienna circularity hubs as prerequisite for climate adaptation and urban development plan 2035.

Memberships

Circular Economy Club

International Water Association

Friends of Nature

International Ecology Engineering Society