



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 731117



REPUBLIKA SLOVENIJA  
MINISTRSTVO ZA INFRASTRUKTURO

## »GEOFOOD« SYMPOSIUM PROGRAM

<b>Monday, 26 November 2018</b>	
<b>Venue: Conference center of Hotel Terme, Terme Čatež, Brežice</b>	
<b>9.30–9.40</b>	<p><b>Opening of the symposium</b></p> <ul style="list-style-type: none"> <li>• Dr. Boštjan Brumen, Dean of Faculty of Tourism, University of Maribor</li> <li>• Ivan Molan, Mayor of Brežice Municipality</li> </ul>
<b>9.40–10.10</b>	<p><b>Dr. Ragnheidur Thorarinsdottir: Creative innovation based on geothermal resources</b></p> <p>The presentation will give an overview of the geothermal potential in Europe and examples of creative uses of geothermal resources, specifically focusing on food production. Future perspectives will be discussed.</p> <p><b>Presenter:</b> Dr. Ragnheidur Thorarinsdottir is the manager of Svinna-Engineering in Iceland and adjunct professor at the University of Iceland. She is a former director and deputy director of the National Energy Authority in Iceland.</p>
<b>10.10–10.45</b>	<p><b>GEOFOOD project presentation</b></p> <ul style="list-style-type: none"> <li>• Iceland: dr. Ragnheidur Thorarinsdottir</li> <li>• Netherlands: Rob van de Ven, Landing Aquaculture</li> <li>• Slovenia: dr. Maja Turnšek, Faculty of Tourism, University of Maribor</li> </ul>
<b>10.45–11.15</b>	<p><b>Carlos Alberto Espinal and Rob van de Ven: Beyond aquaponics: synergies between aquaculture and horticulture at commercial scale</b></p> <p>Aquaculture and horticulture, as food production sectors, may face similar technical and economic challenges related to scale, value chain relations, energy use, marketing, nutrient management and biosecurity. However, the distinct nature and historical development of each sector may provide unique solutions to these challenges that can be learned by the other. Our session will present current points of common interest between these sectors and explore possibilities for synergies in technology, business and practices.</p> <p><b>Presenters:</b> Carlos Alberto Espinal and Rob van de Ven are aquaculture engineers and the directors of Landing Aquaculture. Rob and Carlos are two of the creative minds behind the GEOFOOD project and share a passion for research and technology applied to food production.</p>
<b>11.15–11.30</b>	<p><b>Coffee break</b></p>
<b>11.30–12.00</b>	<p><b>Dr. Maja Turnšek and Barbara Pavlakovič: High-tech modern agritourism: experience design</b></p> <p>Some claim that we are entering the new era after service economy: the experience economy, slowly replacing the service economy. In this new approach, companies generate added value by staging experiences next to their main business such as food production. We will analyse global cases of “high-tech modern agritourism”, identify their main dimensions of experience design and discuss on the differentiating points from traditional agritourism and industrial tourism.</p> <p><b>Presenters:</b> Dr. Maja Turnšek is a Vice dean for Research at the Faculty of Tourism, University of Maribor and co-founder of Ponnod. Barbara Pavlakovič is teaching assistant at the Faculty of Tourism, University of Maribor and currently involved in research of industrial tourism.</p>
<b>12.00–12.30</b>	<p><b>Ir. Alexander Boedijn: Innovation and Development in Greenhouse Technology</b></p>

	<p>The ongoing shift towards a sustainable greenhouse horticulture sector has brought about new ideas on greenhouse climate management as well as innovative technologies. We take a look at the latest research on 'fossil free' greenhouses, CO<sub>2</sub> – and humidity management, screens and LEDs.</p> <p><b>Presenter:</b> Ir. Alexander Boedijn is a researcher of Greenhouse Technology at Wageningen University &amp; Research, Greenhouse Horticulture.</p>
<b>12:30 – 12:50</b>	<p><b>Dr. Goran Vižintin: How to build a geothermal well for sustainable greenhouse heating</b></p> <p>Presentation of the method of construction of geothermal wells and what should be kept in mind to achieve the lowest possible loss of heat.</p> <p><b>Presenter:</b> Dr. Goran Vižintin is an assistant professor at the Faculty of Natural Sciences and Engineering of the University of Ljubljana with a long-term focus on exploring geothermal energy.</p>
<b>12:50 – 13:20</b>	<p><b>Mag. Andrej Lapanje and dr. Nina Rman: Geothermal potential in Slovenia and possibilities for its development - DARLINGe project</b></p> <p>Presentation of the DARLINGe project and the geothermal potential of Slovenia.</p> <p><b>Presenters:</b> Mag. Andrej Lapanje and dr. Nina Rman from the Department of Groundwater - Hydrogeology of the Geological Survey of Slovenia explores the phenomenon and possibilities of using thermal water in Slovenia and other countries.</p>
<b>13:20 – 14:00</b>	<p><b>Interactive Workshop: State of the art and challenges ahead</b></p> <p>Workshop about challenges and aims of exploiting geothermal energy for food production and tourism in Slovenia. The workshop will be moderated by dr. Maja Turnšek.</p>
<b>14.00–15.00</b>	<b>Lunch</b>

<b>Tuesday, 27 November 2018</b>	
<b>Venue: Excursion</b>	
<b>8.00</b>	Drive to eastern Slovenia region.
<b>10.00</b>	Visit to Lušt Paradajz, geothermal tomato producer: <a href="http://www.lust.si/">http://www.lust.si/</a> .
<b>12.00</b>	Visit to Ocean Orchids, geothermal Orchids producer: <a href="http://www.oceanorchids.si/?lang=en_us">http://www.oceanorchids.si/?lang=en_us</a> .
<b>13.00</b>	Lunch.
<b>15.00</b>	Visit to Vulkanija, Geological Museum & Adventure Park: <a href="https://www.vulkanija.si/?lang=GB">https://www.vulkanija.si/?lang=GB</a> .
<b>16.00</b>	Drive back to Brežice.