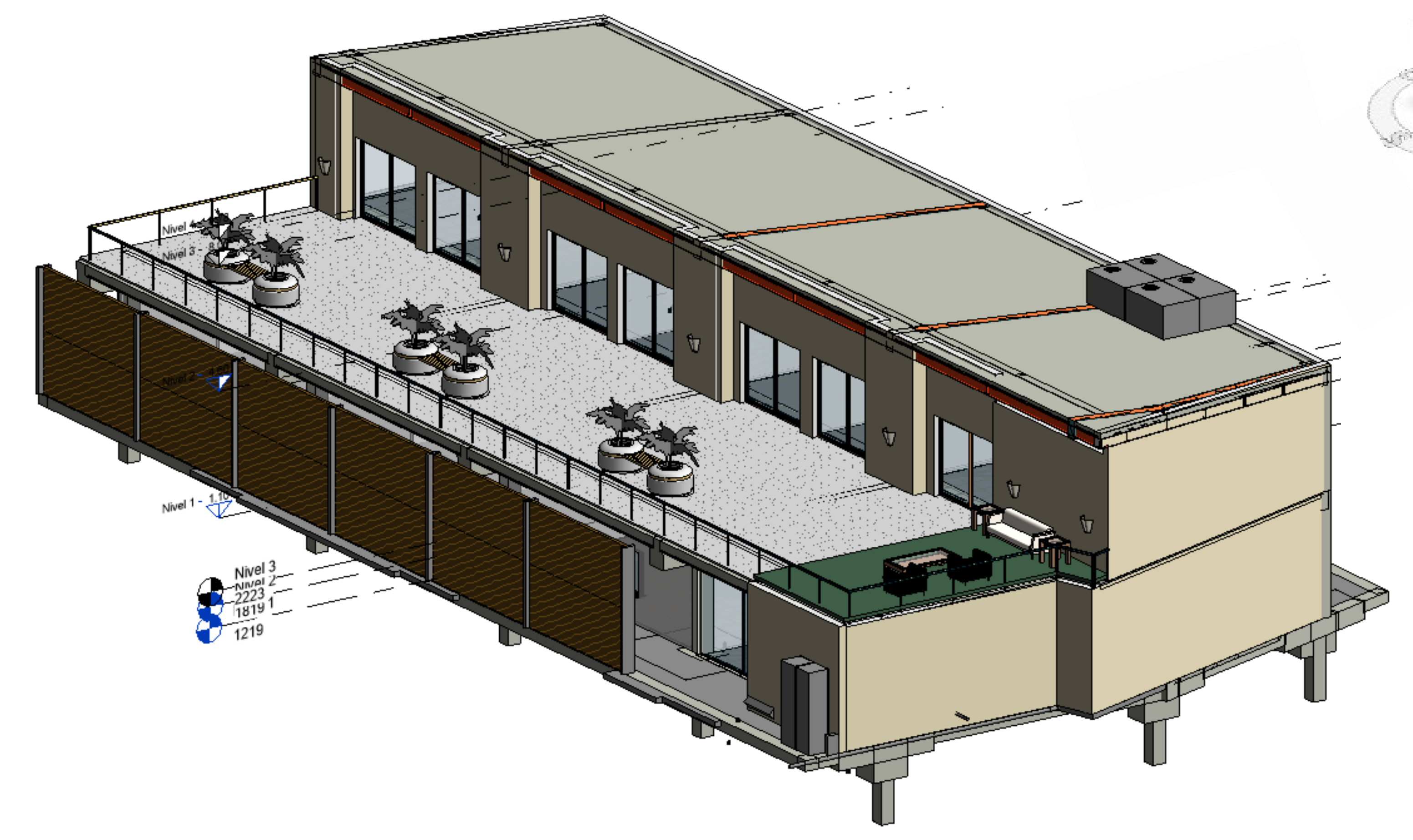
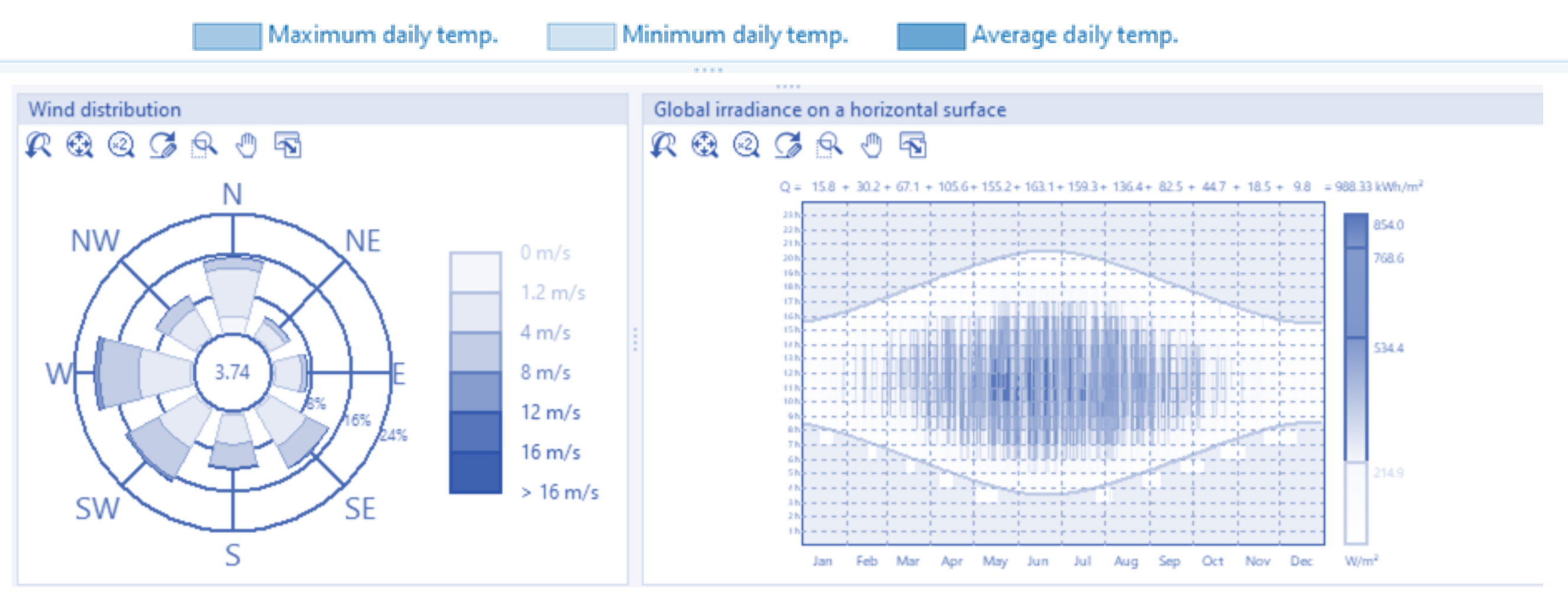
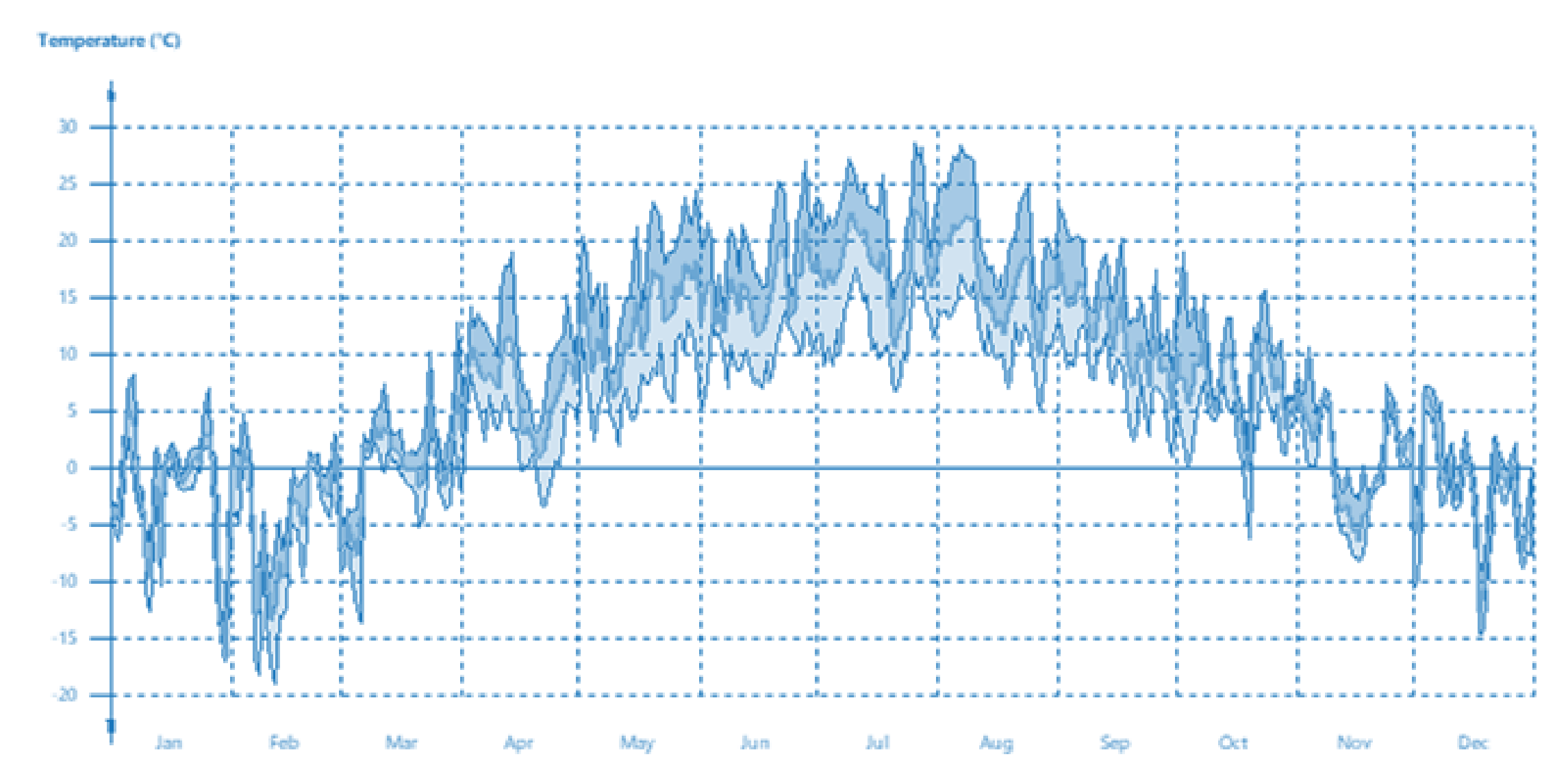


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# BIM4Energy



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# BIM4Energy

## Wednesday, February 7th – BIM4Energy Project Day:



9:30 – 10:00	Welcome to the UPCT. Greeting of Faculty of Civil & Mining Engineering Dean.
10:00 – 10:15	<b>New European Directive on Energy Efficiency in Buildings &amp; New European Bauhaus.</b>  <b>Speaker: Marcos Ros, Member of the European Parliament,</b>
10:15 – 11:00	Experience in teaching BIM at UPCT. Master in BIM Methodology for the development of Infrastructure projects. <ul style="list-style-type: none"><li>- UPCT in BIM4Energy project</li><li>- Approach for the Spanish and Lithuanian and Spanish Case Study</li></ul>
11:00 – 11:15	<b>Coffee Break</b>
11:15 – 12:15	Experience in teaching Green Buildings at Technical University of Cluj Napoca ( <b>UTCN</b> ). <ul style="list-style-type: none"><li>- Master in Green Buildings</li><li>- UTCN in BIM4Energy project</li><li>- Approach for the UTCN Case Study</li></ul>
12:15 – 13:15	Experience in teaching BIM at Vilnius Builder training Centre and presentation about Importance of Awareness of Energy Saving. <b>VSRC</b> .
13:15 – 14:30	<b>Lunch break at UPCT.</b>
14:30 – 15:30	<b>Ayuntamiento de Ceutí:</b> Experience in European projects, Efficiency and Sustainability

## Thursday, February 8 – Building Energy Efficiency Day

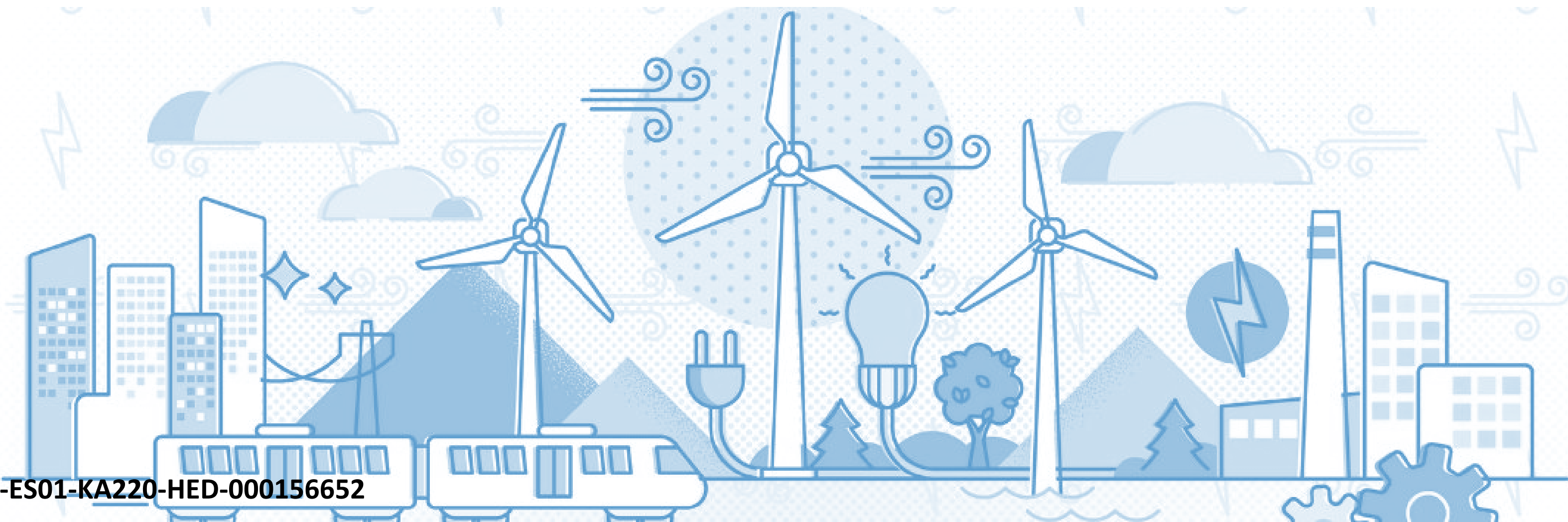


9:30 – 10:30	Basic concepts on energy efficiency of buildings. <b>VSRC</b>
10:30 – 11:30	Properties and behaviour of the building thermal envelope. Several cases. <b>UPCT</b>
11: 30 - 11:45	<b>Coffee break.</b>
11:45 – 12:15	Current Heating, Ventilation and Air Conditioning systems (HVAC) systems and Energy Vectors. <b>UTCN</b> .
12:15 – 12:30	Energy efficiency of existing buildings in Norway. - <b>Ramboll</b>
12:30 – 12:45	Energy efficiency of existing buildings in Lithuania. - <b>VSRC</b>
12:45 – 13:00	Energy efficiency of existing buildings in Romania. - <b>Alba Iulia Municipality.</b>
13:00 – 13:15	Energy efficiency of existing buildings in Spain. – <b>Ayuntamiento de Ceutí.</b>
13:15 – 14:30	<b>Lunch break at UPCT.</b>
14:30 – 15:00	BEE certifications and Green certifications. <b>UTCN</b> .

## Friday, February 9 – BIM-BEE Tools day

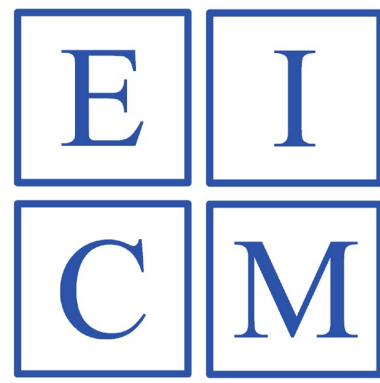


9:30 – 10:30	Alternatives for improving the Energy Efficiency in existing buildings. <b>UPCT</b>
10:30 – 11:15	Requirements and difficulties to apply for grants for the energy rehabilitation of buildings. – <b>Ayuntamiento de Ceutí</b>
11:15 – 11:30	<b>Coffee Break</b>
11:30 – 12:00	Introduction to BIM (UPCT). Objectives; BIM Uses; BIM Dimensions; Open BIM. <b>UPCT</b>
12:00 – 13:00	Good practices using BIM to determine the energy efficiency of buildings in Norway. <b>Ramboll</b> .
13:15 – 14:30	<b>Lunch break at UPCT.</b>
14:30 – 15:30	Use of BIM tools for energy assessment of existing buildings in Spain. <b>UPCT</b>



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