

ERASMUS+ PROGRAMME

Project Number: 618509-EPP-1-2020-1-JO-EPPKA2-CBHE-JP

ECO-CAR:

Vocational Training Diploma on Electrical and Hybrid Vehicles

Workshop

Agenda

Budapest University of Technology and Economics (BME)

May 30th – 3rd June 2022

Monday – Friday

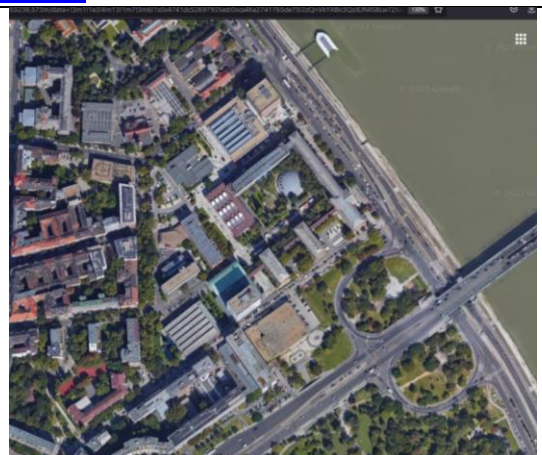
Location:

BME St building

3rd floor 319, 320, 321 rooms

47.47846391231239, 19.056695097109554

[Google maps link](#)



Co-funded by the
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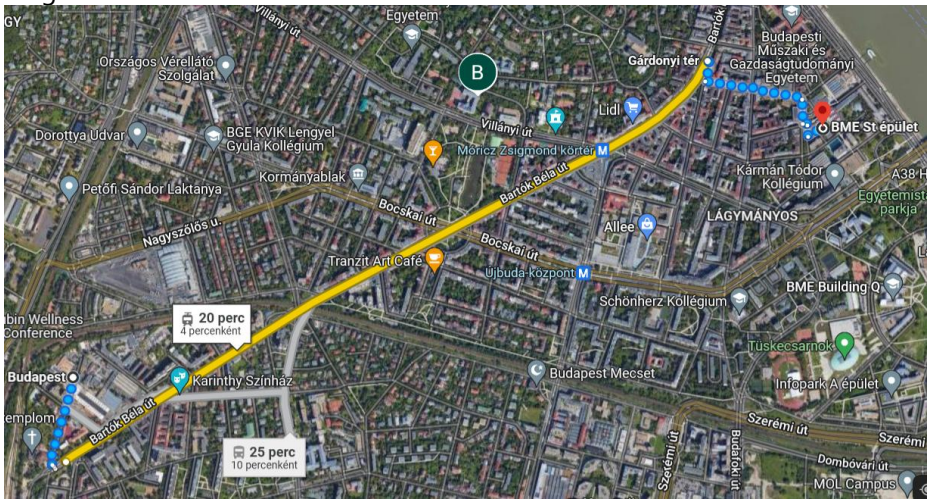
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ECOCAR BUDAPEST WS AGENDA

	30.05.2022	31.05.2022	01.06.2022	02.06.2022	03.06.2022
8:30-9:15	Introduction	eGearbox layout	ZalaZONE trip	MIEV test at High Speed handling (ZalaZONE)	Introduction to NVH
9:15-10:00	Drivers of automotive industry at 21th century	eDrivetrain simulation			NVH tools
10:15-11:00	Drivetrain comparison	Range and dynamic properties of Evs		Inverters (ZalaZONE)	NVH of electric vehicles
11:00-11:45	Advanced drivetrains	Elements of electric powertrain - overview	Lunch (ZalaZONE)	Control of ePowertains (ZalaZONE)	NVH in practice
12:45-13:30	On board energy storage	Rotating electric machines I	Site visit	Lunch (ZalaZONE)	EU effect of electrification
13:30-14:15	Energy management	Simulation of rotating electric machines		Health and Safety	
14:30-15:15	Vehicle dynamics basics	Dual e-Hybrid drive layout	Autonomous vehicles (ZalaZONE)	ZalaZONE trip back	
15:15-16:00	Simulation of vehicle dynamics	Test & evaluation			



Important information

Proposed Hotel for night 30.05, 31.05 and 02.06:	Anna Hotel (https://annahotel-budapest.hu/en)
Workshop location:	BME ST Building (1111 Budapest, Stoczek utca 6)
Travel from Anna Hotel to Workshop location	<p>Tram 19 or 49 direction city center 19 (Bem rakpart Bécsi út / Vörösvári út irány), 49 (Deák Ferenc tér) to 5th station Gárdonyi tér megálló and take a walk 7 min.</p> 
Proposed hotel for zalaZONE night 01.06	Hotel Aranybárány http://aranybarany.hu/en/
Travel from Budapest to ZalaZONE and back	Managed by BME, bus will leave from Anna hotel
Masjid Dar Al-Salam	A mosque nearby