

MINUTES

4th study visit

Introduction

The EMOBICITY 4th study visit was organised by AZORES, Project Partner 4, on the 21st and 22nd of September 2021 in São Miguel Island.

Minutes

The 4th study visit began at 12:00pm AZOST on the 21st of September. Partners were welcomed by AZORES, who provided lunch at Associação Agrícola de São Miguel. At this restaurant, partners had the opportunity to visit one of the electric vehicle charging stations that is integrated into the regional network of charging stations (Fig. 1). The partners discussed the state of e-mobility in the Azores.



Figure 1: EV Charging Station in Cooperativa União Agrícola, São Miguel

Afterwards, the group visited the Pico Vermelho Geothermal Power Station, where they were welcomed and received by EDA, S.A. – Electricity of the Azores (Electricidade dos Açores, S.A). An interesting presentation and subsequent discussion took place, focused on the energy demand of the Azorean archipelago, on the technical issues of the Geothermal Power Plant, on the importance of geothermal energy to stabilise the electricity grid and on the investments needed for further improvement. All partners and stakeholders found the visit to be extremely relevant considering the impact of renewable energy sources on e-mobility and its importance to achieve grid stability.



Figure 2: Pico Vermelho Geothermal Power Station

Before the end of Day 1, partners also visited a fast EV charging station in Ribeira Grande (Fig. 3), where Miguel Quinto (AZORES) described the e-mobility network management in the Azores and in mainland Portugal.



Figure 3: Fast EV Charging Station (Ribeira Grande, São Miguel)

Day 2 began on September 22nd at 09.00am with a visit to the *Vehicle-to-Grid (V2G)* pilot project at EDA's premises. The project was presented by EDA's staff, focusing on the technology that enables energy to be introduced back into the power grid from an electric car battery. With electric vehicle-to-grid technology, the battery can be charged and discharged, interpreting different signals, such as nearby energy production and consumption. The presentation was followed by a discussion between partners focusing on several e-mobility related projects in the Azores.



Figure 4: V2G Pilot at EDA

After that, partners visited Atlantic Bikes, where Roberto Medeiros, the company's owner, presented the first bicycle sharing start-up in the Azores (Fig. 5), with a fleet composed of both electric and non-electric bikes. This visit was focused on the current status of the start-up, as well as on future investments and policies in the Azores.



Figure 5: Atlantic Bikes (bike sharing start-up)

Finally, partners attended a closing meeting at Nonagon, the first Science and Technology Park in the Azores (Fig. 6). A brief overview of the sites and projects visited was given, followed by an outline of the main policies and investments currently in place in the Azores, focusing on three main topics: policy documents and instruments developed and implemented by the Autonomous Region of the Azores; EV public network of charging stations; financial incentives system. All partners and stakeholders agreed that the Azores is significantly investing on e-mobility projects, anchored by strong policy documents such as the Strategy for the Implementation of Electric Mobility and the Plan for Electric Mobility. During this visit, partners became acquainted with the Azorean public network of charging stations for electric vehicles and the incentives, both financial and non-financial, for the adoption of electric mobility, which are key instruments to promote e-mobility in the Azores when supported by strong dissemination campaigns across all Azorean Islands.



Figure 6: Closing meeting

Schedule

Tuesday, September 21

From Lisbon to São Miguel by plane.

Wednesday, September 22

Study Visit + Return trip to Lisbon by plane.

Day 1 Tuesday, September 21

Time (AZOST)	Theme
Morning	Arrival at Ponta Delgada, São Miguel
12:15: Meeting Point at the Regional Directorate for Energy (location)*	
12:15-15:00	Welcome + Lunch (covered by AZORES)
15:00-16:30	Visiting Pico Vermelho Geothermal Power Station
16:30-17:30	Networking/Sightseeing
17:30-next day	Free time

Day 2 Wednesday, September 22

Time (AZOST)	Theme
08:30: Meeting Point at the Regional Directorate for Energy (location)*	
09:00-10:30	V2G pilot-project visit
10:30-12:30	EV Charging Stations + Bike sharing start-up in Ponta Delgada
12:30-14:30	Closing meeting
14:30	Free time until return flights

* Address: **Direção Regional da Energia**
Rua Eng. Deodato Magalhães, 6
9500-768 Ponta Delgada
[Link to Google Maps](#)

List of participants



Governo dos Açores



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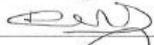
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4th Interregional Study Visit to São Miguel, Azores, Portugal – September 21-22, 2021

Participant list

September 21st 2021

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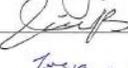
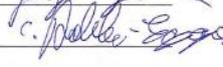
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September 22nd 2021

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