



EUSALP EU STRATEGY FOR THE ALPINE REGION

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CAESAR

Capacitating Energy Efficiency
in Small Alpine Enterprises

CAESAR

Auditing tool

ONLINE EUSALP AG 9 MEETING

1st December 2020

Benjamin Auer



This project is co-financed by the European Union via the
Alpine Region Preparatory Action Fund (ARPAF)

Background

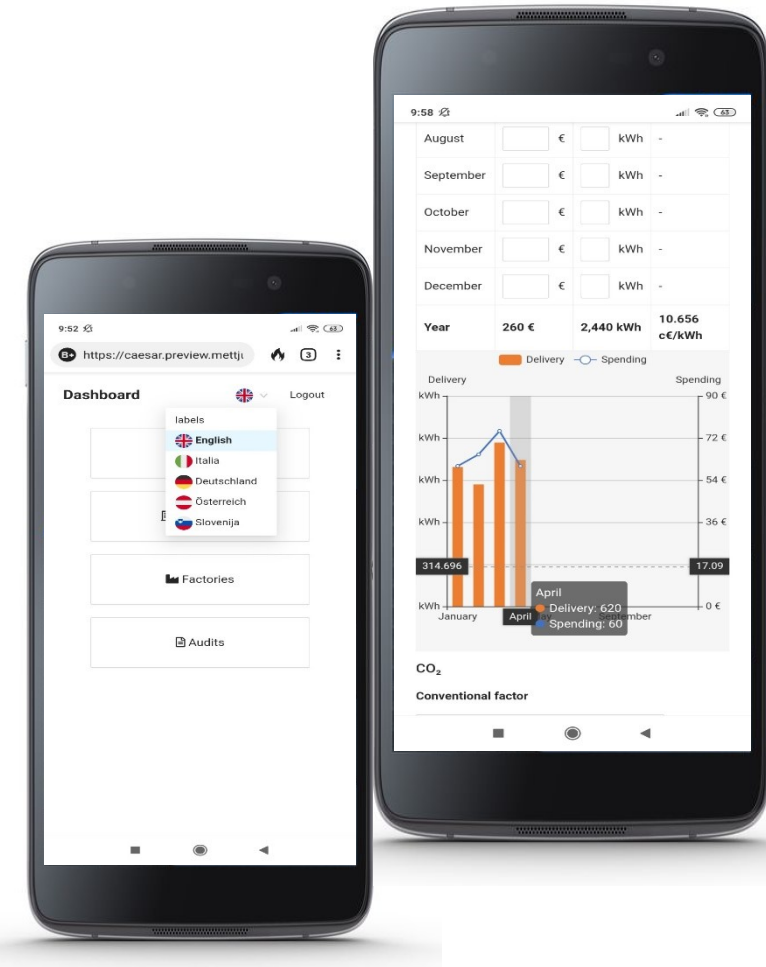
- ARPAPF – Alpine Region Preparatory Action Fund
- CAESAR Project:
 - 09-2019 – 05-2020
 - 5 project partners and 3 observers from the Alpine Region
- Goals:
 - Stakeholder network
 - Auditing tool → Training of „energy tutors“ and use in pilot enterprises
 - Evaluation and recommendations



Background

Easy to use, low-barrier tool which allows (enterprises/auditors) to collect the information for an assessment of the energy efficiency of SMEs, highlight Key Performance Indicators and compare them to Benchmarks

- Online tool / database: <https://audit.project-caesar.eu/>



Database



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← Edit Audit

Logout

Save Cancel

General Location Activity Buy Electricity Buy Gas Buy Oil Buy Heat Buy Water Ren. FV Ren. CHP Thermal Power Plants Compr. Air Air suction Chiller Lighting Mobility Summary

* **Factory:** Test case 12-11-2020 - Voltastr.

* **Reference year:** 2019

Current year: 2020

* **Company reference person for the Audit:** Mario Rossi

Phone: 0471062168

E-mail:

Start date: Select date

End date: Select date

* **Auditor:** Benjamin Auer

National classification code:

Type of Company:

Certifications:



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Data insertion



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General Location Activity Buy Electricity Buy Gas Buy Oil Buy Heat Buy Water Ren. FV Ren. CHP Thermal Power Plants Compr. Air Air suction Chiller Lighting Mobility Summary

Supplier: Alperia

Type of contract:

Supply voltage: 230

V

Contract power: 3

kW

PODs:

Photos:



Caption/description:

abcd



+ Add photo

Month	Spending		Delivery		Average cost
January	300	€	3000	kWh	10 c€/kWh
February	280	€	2900	kWh	9.655 c€/kWh
March	310	€	3200	kWh	9.688 c€/kWh
April	300	€	3200	kWh	9.375 c€/kWh
May		€		kWh	-



CAESAR

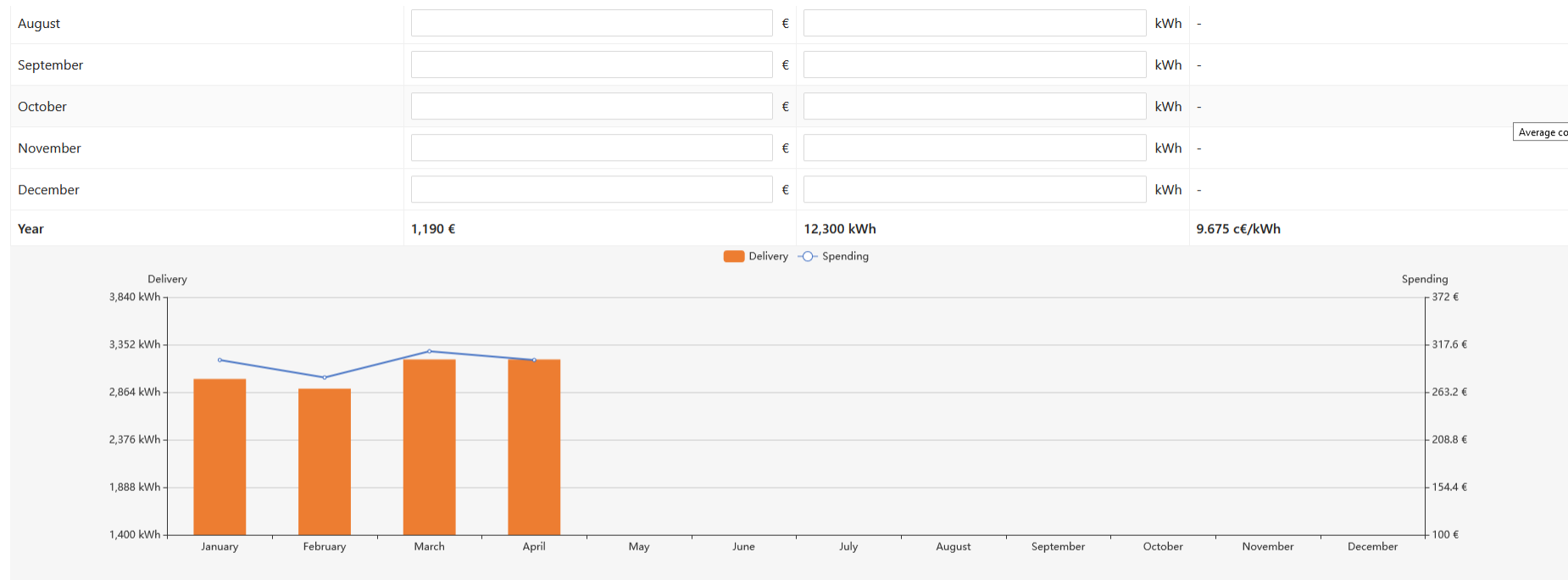
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Data insertion



CO₂

Conventional factor: 0.0005 tCO₂/kWh

Specific factor: 0.00045 tCO₂/kWh

Conventional emission: 6.15 t

Specific emission: 5.535 t



Output

- Overview of the energy consumption/production
- Selection of KPI & manual insertion of BM
- Summary
- Export report (edit)

Output



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← Edit Audit

General Location Activity Buy Electricity Buy Gas Buy Oil

Enterprise: Test case 12

Address: Voltastr.

Current year: 2020

Reference year: 2019

Total heated net volume: 1,200 m³

Volume production: 800 m³

Net office surface: 60 m²

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ertDesignLayoutReferencesMailingsReviewViewDeveloperTell me what you want to do...

Calibri (Body) 11A A Font Paragraph

AaBbCcD AaBbC AaBb AaBbCc AaBbCcD AaBbCc



Logout

Save

Cancel

Mobility

Summary

✓ KPI

✓ KPI

✓ KPI



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Integration with AG 9 activity

- The tool will be at disposal of the AG 9 members.
- Of relevance to your work?
- Please get in touch with us if you would like to use the tool.
- In the coming months we are going to organise:
 - **Training modules**
 - **Stakeholder workshops**
 - **Final workshop**

Thank you!



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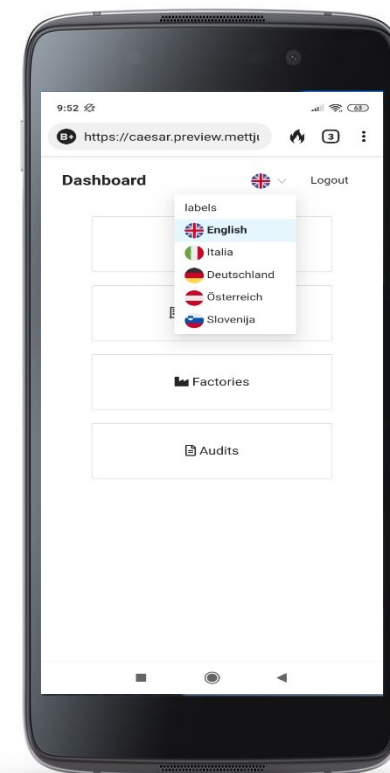
Evaluation tool for energy efficiency in enterprises

Developed with the support of the European Union via the ARPAP programme. Contact the partners of the CAESAR project consortium for information on access and utilization.

* Username:

* Password:

Submit



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