



ARBEITSGEMEINSCHAFT
DONAU-LÄNDER
PRACOVNÍ SPOLEČENSTVO
PODUNÁJSKÝCH ZEMÍ
PRACOVNÉ SPOLOČENSTVO
PODUNÁJSKÝCH KRAJIN
DUNAMENTI TARTOMÁNYOK
MUNIKAKÖZÖSSÉGE
RAJONA ZAJEDNICA
PODUNAVSKIH REGIJA
RAJONA ZAJEDNICA
PODUNAVSKIH ZEMALJA
COMUNITATEA DE LUCRU
A STATELOR DUNĂRENE
PÁRTHA ÖRHHOCT
ДОНАВСКИ ЦПРНИ
POKRAČEVSKA ZBILTA
TIPILN HANJEKOV KPAH

Working Community of the Danube Regions - the voice of regions in the Danube area Bucharest, 26th June 2019

E-Mobility Day

- WG meeting at the e-Mobility Day in Melk Lower Austria, 25th May
- Focusing on an exchange of experience in e-mobility activities in the different countries / regions



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e-Mobility lectures

Interesting lectures on:

René Schader | Ummadum Service GmbH

- **Title:** Ummadum - ridesharing with clear added value

Karmen Mentil | Management Alpine Pearls, ÖAR GmbH, Wien.

- **Title:** Electrifying - but still gentle holidays: "Alpine Pearls"

Matthias Zawichowski | Representative association fahrvergnügen.at

- **Title:** Car sharing

Alexander Simader | Climate and Energy Modell Region Manager

- **Title:** Car sharing in apartment buildings



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E-Mobility-Day

- E-Mobility Day on 25th may 2019 in Melk, Wachau, Lower Austria
 - 8.000 participants
 - 86 exhibitors on topics related to e-mobility
 - More than 60 e-cars on the main test course
 - Hundreds of other e-vehicles (scooters, bikes etc.) on other test courses
 - Various side program (music, regional food, activities for kids...)



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Council of Danube
Cities and Regions
Rat der Donau-
städte und -regionen
Conseil des villes et
régions du Danube



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Impressions of the E-Mobility Day



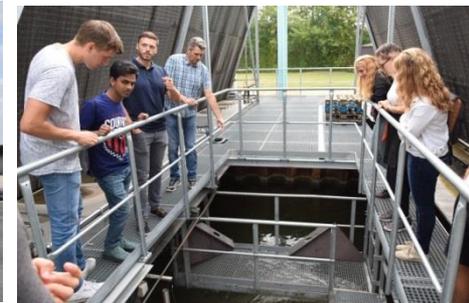
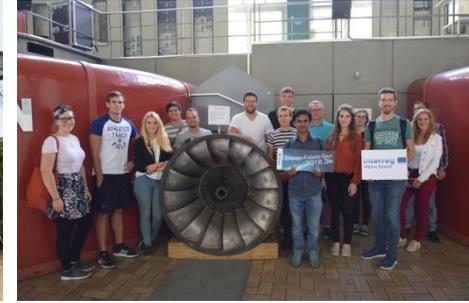
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ENERGY FUTURE TOUR 2018



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РАБОТНА ОРГАНИЗАЦИЈА
ПОДНАВСКИХ КРАЈИНА
TIPULIN HÁRSZÉKOK KÖZELÉKE

ENERGY FUTURE TOUR 2018

What:

- Guided tour for students and young professionals

The aim behind the tour:

- Explore the Danube region
- Develop a vision
- Get in touch with sustainable energy solutions
- Visiting energy projects, companies and research institutions
- Reflecting and discussing the findings and results during the tour

This project is co-financed by the European Regional Development Fund through the Interreg Alpine Space programme

ENERGY FUTURE TOUR 2018 - DAY 1

- Arrival of the participants at the office of the Energy and Environment Agency of Lower Austria eNu
- Welcoming, Round of Interviews
- Visit Lower Austrian government



This project is co-financed by the European Regional Development Fund through the Interreg Alpine Space programme

ENERGY FUTURE TOUR 2018 - DAY 2

Program:

- Danube hydropower plant Ybbs
- Storage power plant Ottenstein
- Nuclear power plant Zwentendorf



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Working Group "Sustainability, Energy, Environment", Bucharest, 26 June 2019

ENERGY FUTURE TOUR 2018 - DAY 3

Program:

- Vortex power plant Obergrafendorf
- Energy park Bruck/ Leitha
- Biogas plant
- Wind park



This project is co-financed by the European Regional Development Fund through the Interreg Alpine Space programme

Working Group "Sustainability, Energy, Environment", Bucharest, 26 June 2019

ENERGY FUTURE TOUR 2018 - DAY 4

- Energy research park Lichtenegg (wind turbines)
- Clay – passive office building Tattendorf

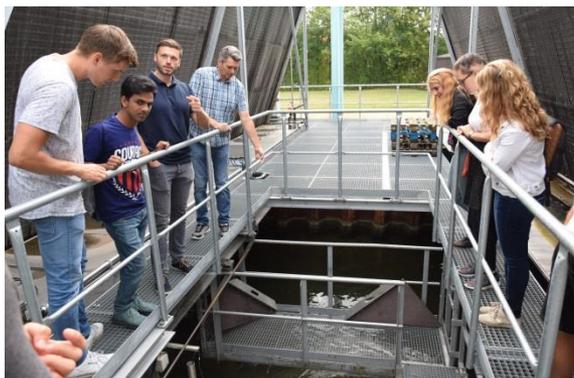


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ENERGY FUTURE TOUR 2018 - DAY 5

- District cooling, hospital of St. Pölten (free cooling plant)
- Recommendations for participating countries / regions
- Workshop lessons learned



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Working Group "Sustainability, Energy, Environment", Bucharest, 26 June 2019

ENERGY FUTURE TOUR 2018

FEEDBACK OF THE PARTICIPANTS

Enriching! Energy future tour allowed me to meet a group of very enthusiastic and interesting young people with similar ambitions all with getting to know the exemplary region of lower Austria. Thank you so much for the experience!

Participant from France

I didn't expect to learn so many new things and also to get a different point of view to renewable energy. Participant from Germany

ENERGY FUTURE TOUR 2018

INVITATION TO PARTICIPATE AS A PARTNER REGION:

Please contact us if you are interested in joining the organisation of the tour.

eNu – Energy and Environment Agency of Lower Austria, www.enu.at
Website: <http://www.enu.at/energy-future-tour>

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2340 Mödling

Email: tino.blondiau@enu.at

Tel: +43 676 83688311

ENERGIE- UND
UMWELTAGENTUR
NIEDERÖSTERREICH



6. e⁵ PROGRAM

International standardized quality management program for municipalities and city's.

e5 in Europa

Wussten Sie, dass ...

- ... das e5-Programm auf europäischer Ebene dem „European Energy Award“ (eea) entspricht?
- ... in Europa über 35 Millionen Menschen in mehr als 1.300 Städten und Gemeinden leben, die am „European Energy Award“ teilnehmen?
- ... aktuell acht Staaten am „European Energy Award“-Programm teilnehmen? Neben Österreich sind dies Deutschland, Schweiz, Frankreich, Italien, Luxemburg, Liechtenstein und Monaco. Mit Ukraine, Rumänien und Marokko befinden sich drei weitere Staaten in der Pilotphase.
- ... die größten und bekanntesten „eea“-Städte Dortmund, Bremen, Düsseldorf, Basel, Genf, Bordeaux, Grenoble, Innsbruck und Klagenfurt sind?

Orientliche Ländermitglieder mit nationalen Programmen

- Österreich
- Deutschland
- Frankreich
- Italien
- Liechtenstein
- Luxemburg
- Monaco
- Schweiz

Pilotländer

- Marokko
- Rumänien
- Ukraine

e5 in Österreich

Wussten Sie, dass ...

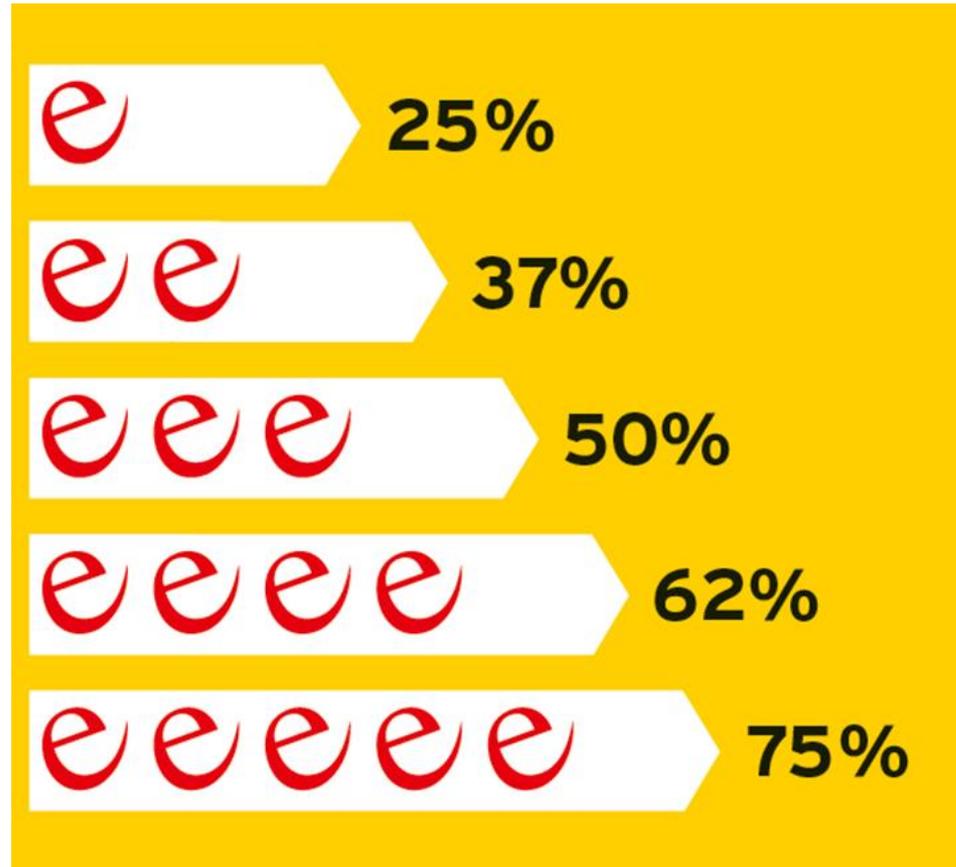
- ... in Österreich ca. 160 Städte und Gemeinden am e5-Programm teilnehmen?
- ... e5-Österreich 2015 sein zehnjähriges Jubiläum feiert?
- ... 20 Prozent der Bevölkerung bzw. 1,2 Millionen ÖsterreicherInnen in e5-Gemeinden leben?
- ... das e5-Programm gleichermaßen für kleine Gemeinden wie große Städte geeignet ist?
- ... die niederösterreichischen Gemeinden Baden und Großschönau bereits vier „e“ erreicht haben?
- ... die Grundlagen des e5-Programms in den 1990er-Jahren in Vorarlberg entwickelt wurden?
- ... es in Österreich mittlerweile zwölf Gemeinden mit fünf „e“ gibt?
- ... mit Bregenz, Klagenfurt und Innsbruck drei Landeshauptstädte am e5-Programm teilnehmen?
- ... die kleine Gemeinde Zwischenwasser in Vorarlberg die energieeffizienteste Gemeinde Österreichs ist und im internationalen Vergleich auf Rang drei liegt?



6. **e⁵** PROGRAM

Independent evaluation
every three years by a
commission

The award has a 5 step
implementation level from 1
to 5 e's



CATALOG OF MEASURES



Spatial planning



Municipality owned buildings



Supply and disposal of:

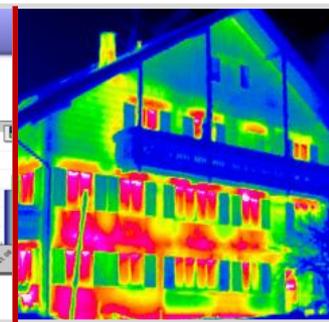
- Energy
- Water
- Waste
- Waste water



Mobility



Internal organization



Communication
 Awareness rising
 Cooperation



16% Of the population lives in e5 municipalities
266.000 Inhabitants

64 **e⁵** reached in Lower Austria
50 Municipalities



Absdorf	-	Lanzenkirchen	-
Albrechtsberg	-	Lasee	eee
Aschbach-Markt	-	Leobersdorf	eee
Allhartsberg	eeee	Leopoldsdorf bei Wien	-
Baden	eeee	Mank	eeee
Bisamberg	eee	Mautern an der Donau	-
Böheimkirchen	-	Meiseldorf	-
Bromberg	-	Mödling	-
Echsenbach	eee	Neustadt	-
Eggenburg	-	Ober-Grafendorf	eeee
Ernstbrunn	eeee	Oberwaltersdorf	eee
Ertl	-	Pitten	eee
Gaweinstal	ee	Pressbaum	eee
Grafenwörth	-	Seitenstetten	-
Großschönau	eeee	Sierndorf	-
Hafnerbach	eeee	Ternitz	eee
Hofstetten-Grünau	-	Traismauer	-
Hollabrunn	-	Tulln	-
Horn	-	Vösendorf	-
Kapelln	-	Warth	-
Kaumberg	-	Wiener Neudorf	-
Kirchberg an der Pielach	-	Wieselburg	eeee
Klosterneuburg	-	Wilhelmsburg	-
Krummnußbaum	ee	Winklarn	-
Laa an der Thaya	eee	Zeillern	-

EACH MUNICIPALITY HAS AN ENERGY AGENT

- All our 573 municipalities defined an energy agent
- These energy agents are either professional energy experts or they were trained in special education programs
- They are responsible for the energy monitoring of the public buildings and support the mayors in energy decisions
- They control the energy consumption and make an annual report about the energy situation in the municipality



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ENERGY MONITORING & CONTROLLING SYSTEM

- 11.000 objects with 35.000 electric, heat and water meters
- Overview of the energy consumption of public buildings in Lower Austria
- Identification of:
 - renovation demand
 - Dysfunction of the heating or cooling systems
 - Benchmarking



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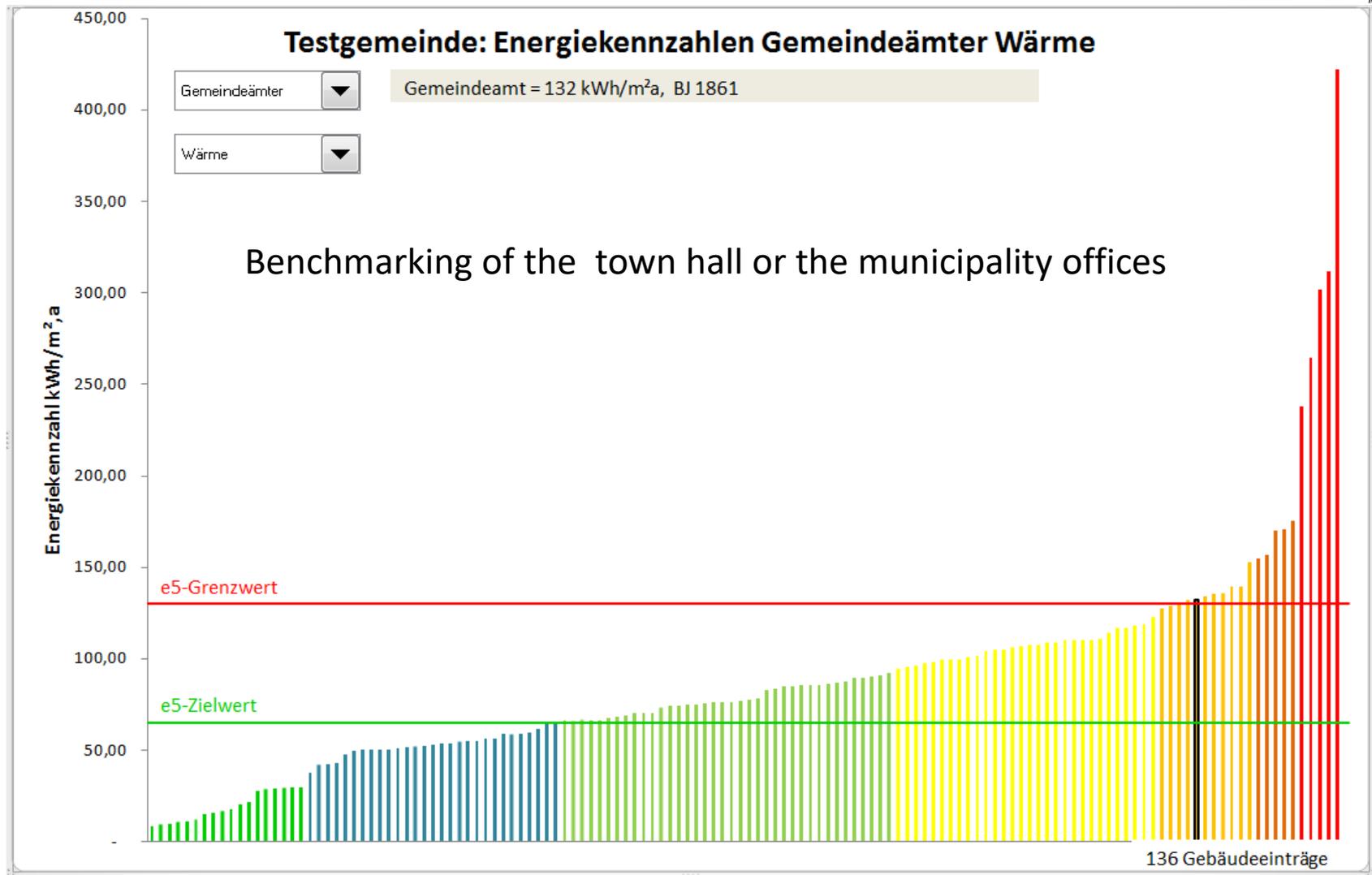
Testgemeinde: Energiekennzahlen Gemeindeämter Wärme

Gemeindeämter ▼

Gemeindeamt = 132 kWh/m²a, BJ 1861

Wärme ▼

Benchmarking of the town hall or the municipality offices



Contact

Office of the working group

„Sustainability, Energy and Environment“

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