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# WORKING COMMUNITY OF THE DANUBE REGIONS

## Conference of heads of government Ulm, 30th of October 2015

### Working Group Sustainability, Energy and Environment area Energy and Environment



Dipl.-Ing. Peter Obricht MBA



# WG Sustainability, Energy and Environment / review



- Complementation of the existing WG Sustainability, that primary focussed on soil issues, with topics Energy and Environment, autumn 2014
- First introduction of new setting on 25.-26.th of March 2015 in Tulln, Lower Austria
- Last meeting of the WG in Ulm as a side event to the Annual Forum the day before yesterday

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# Working Group meeting, March 25-26th, Tulln



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## Global energy and climate protection goals ...

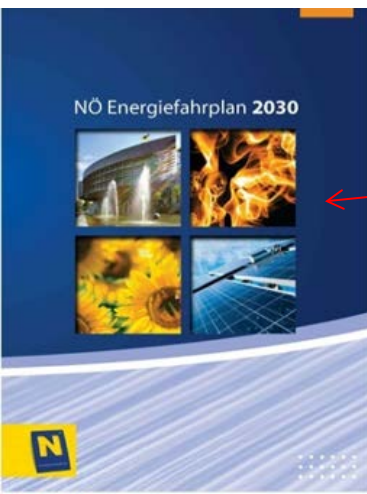
### ... of EU until 2020

- 20% reduction of greenhouse gas emissions
- 20% use of renewable final energy
- 20% increase in energy efficiency

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### ... of Lower Austria

- 100% of renewable **electricity** until **2015** (91,0%)
- 50% of renewable **final energy** until **2020** (34,0%)



Energy road map

Climate and energy  
Programme,  
more than 200 measures



# Working Group meeting, March 25-26th, Tulln



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## Renewable energy Plants in Lower Austria



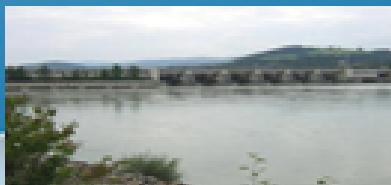
84 Biogasanlagen  
250 GWh/a Stromproduktion  
2,4 % des Strombedarfes  
100 GWh/a Wärmenutzung



509 Anlagen  
963 MW  
19% des  
Strombedarfes

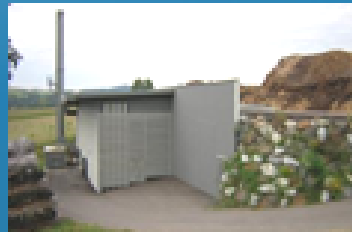


23.700 PV-Anlagen  
190 MW elektrische Leistung  
Ca.2% des Strombedarfes



10 Kraftwerke gr. 10 MW  
>60% des Strombedarfes

522 Kleinwasserkraftanlagen kl.10 MW  
4,6% des Strombedarfes



664 Biomasse-Nahwärmanlagen  
25 Biomasse-KWK-Anlagen  
2.180 GWh/a Wärmeabsatz  
35.700 Abnehmer  
€ 83 Mio. landw. Wertschöpfung  
p.a.

Einwohner:  
1,6 Mio.

Fläche:  
19.177 km<sup>2</sup>

Grünland:  
2.109 km<sup>2</sup> (11%)

Ackerflächen:  
6.974 km<sup>2</sup> (36 %)

Wald:  
6.334 km<sup>2</sup> (33%)

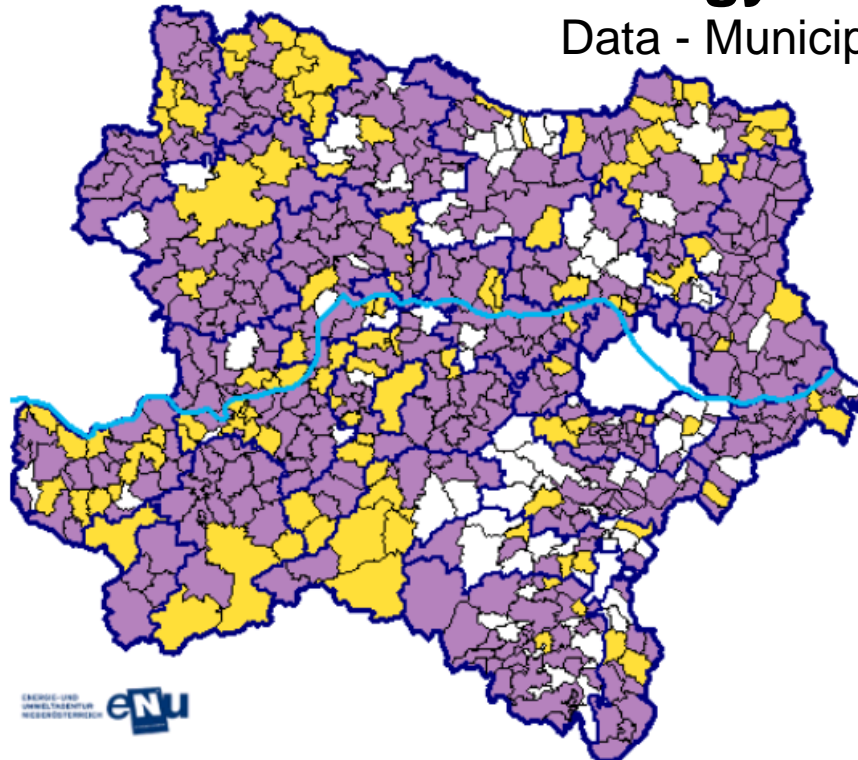


# Working Group meeting in March 25-26th, Tulln



## Energy efficiency in public buildings

Data - Municipalities with energy accounting



ENERGIE- UND  
UMWELTWERKSCHAFT  
NIEDERÖSTERREICH **eNu**

Energiebuchhaltung in NO Gemeinden (EMC), Stand  
Dezember 2014

- Energiebuchhaltung angemeldet
- Nutzungsvereinbarung unterzeichnet

Dec. 2012:  
193 municipalities

Dec. 2013:  
423 municipalities

Dec 2014: 490 municipalities of  
Lower Austria use the free  
online tool EMC

► > 4.500 buildings,  
> 16.000 meters

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## Energy efficiency act of Lower Austria (2012)

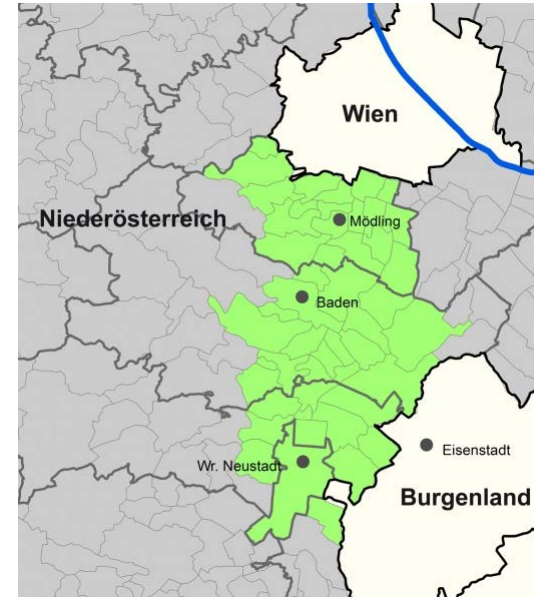


# Working Group meeting, March 25-26th, Tulln

## E-Mobility

Strategy, goals  
Funding scheme  
for businesses, communities and  
citizens

Pilot action  
Charging infrastructure  
Events and conferences



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# Working Group meeting 28th October, Ulm



- is to be complemented

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# WG Sustainability, Energy and Environment, area Energy and Environment; Recommendations:



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- **1. For planning and directing the activities of the Sustainability Work Group of ARGE Donauländer and the Council of the Danube cities and regions, the aim shall be to place the emphasis on using synergies with the respective projects and measures when it comes to energy issues which are being implemented within the "Europaregion Donau Moldau" project.**
- **2. The Work Group should particularly deal with the successful exchange of networks of regions and cities, e.g. the networks "Climate Alliance" and "e5."**

