



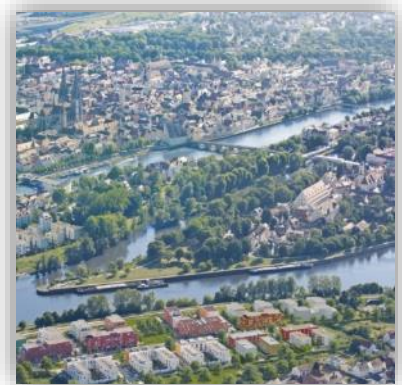
# Smart Mobility Regensburg

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Regensburg

# 1. WELCOME TO REGENSBURG

# Welcome to Regensburg ...QUALITY OF LIFE



# Welcome to Regensburg ...NOT SO MUCH QUALITY OF LIFE





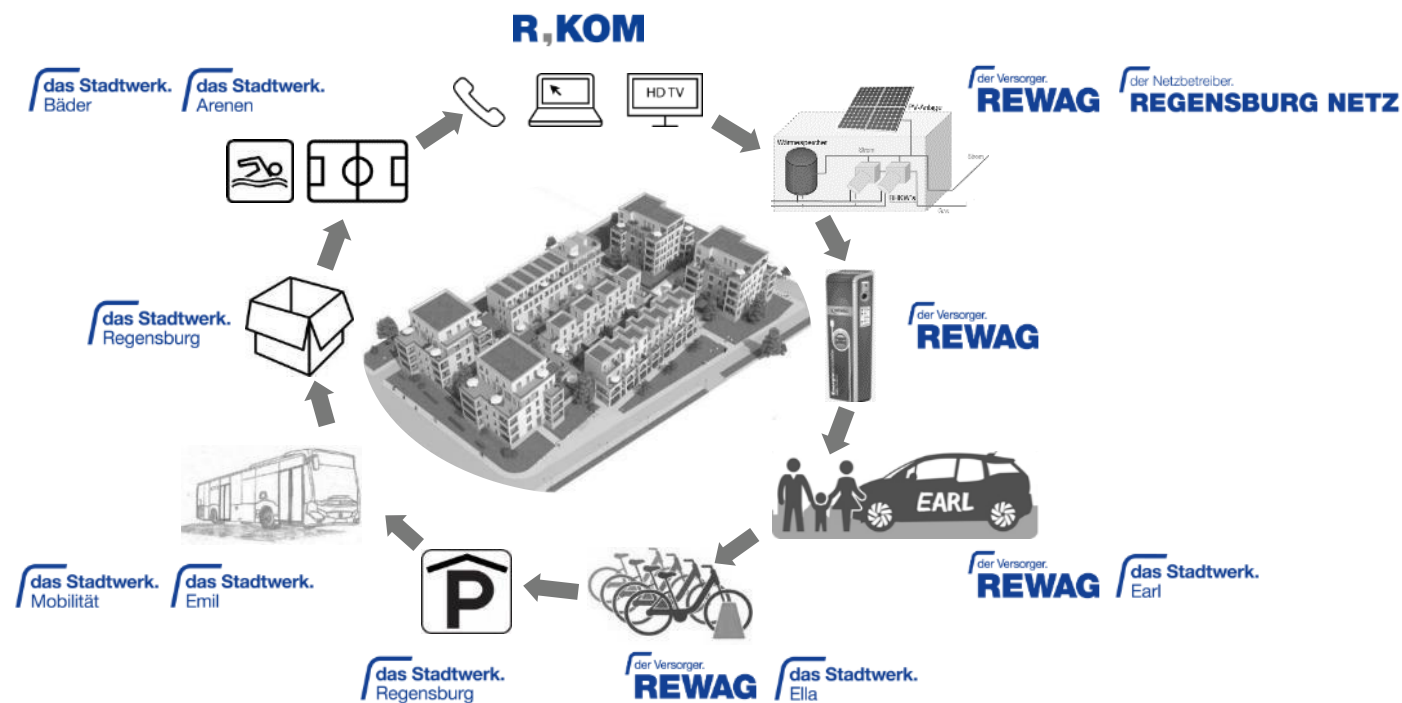




## Linking the sectors mobility and energy

- Progressive integration of mobility and energy as a source of innovative and smart business cases
- *das Stadtwerk.Regensburg* and REWAG as cooperative local mobility provider (e.g. *das Stadtwerk.Earl* and *das Stadtwerk.Emil* are powered with 100% green electricity by REWAG)
- Both companies combine their expertise in the field of "New Mobility" and offer a wide range of smart mobility solutions

# Our integral approach



## 2. SMART MOBILITY ACTIVITIES



# Electrifying the bus fleet





## Electrifying the bus fleet



Switch to **all-electric bus-fleet**

Funding for the project from the  
Federal Ministry of over 8 Mio. Euro

Procurement of electric buses,  
installation of a charging  
infrastructure and adaptation of the  
operation to the new challenges



6 e-buses in May 2021

6 e-buses in January 2022

10 e- buses in December 2022

23 charging points until the end  
of the project





## Public Charging Infrastructure



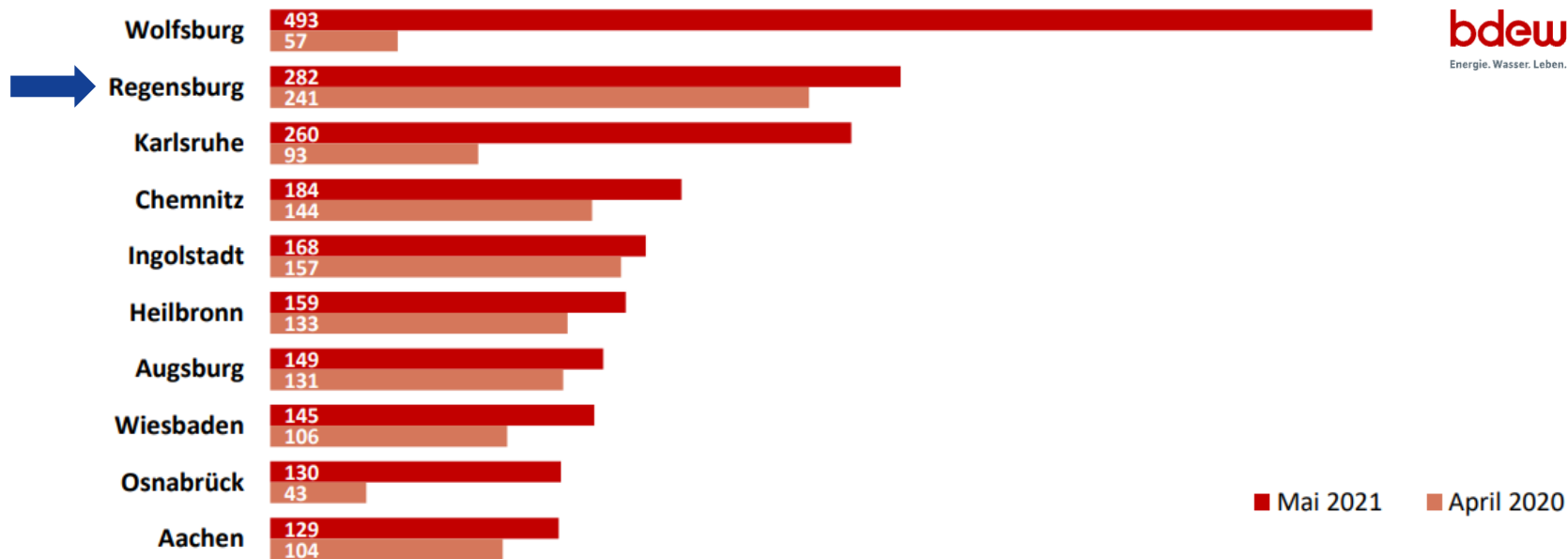
REWAG as the leading operator of public charging infrastructure in the city and region of Regensburg



Over 140 charging stations (je 2 x 22 kW) in the city and district area as well as three fast charging systems (120 kW)



## Number of public charging points – Top 10 cities in Germany (100 - 500 thousand inhabitants)



Quellen: [www.ladesaeulenregister.de](http://www.ladesaeulenregister.de); Stand 25.05.2021





## Charging Infrastructure in private sector

### Lighthouse project „Das Dörnberg“

- Residential area with more than 200 charging points in the underground car park
- One of the biggest charging- and load management projects in Europe
- REWAG as builder and operator of the system







**Hey, ich bin's  
dein neuer Nachbar!**

**MIT  
100%  
ÖKOSTROM**  
das Stadtwerk.  
**REWAG**



## das Stadtwerk.Earl



EARL: 100% electric car sharing system in Regensburg



Station-based system with currently 13 stations



2016: Start of project with one car

2018: Expansion of the system to five cars

2021: Expansion of the system to 20 cars



Since 2018 cooperation with KERL: E-Carsharing system for the rural district of Regensburg (currently 14 cars)



Over 2.000 Users. Over > 1.000.000 km.





# das Stadtwerk.Earl

**Vehicle fleet:** Nissan e-NV200 | Nissan Leaf | BMW i3 | Renault ZOE | VW ID3 | VW ID4



**Hey, ich bin's  
dein neuer Nachbar!**

# das Stadtwerk.Ella



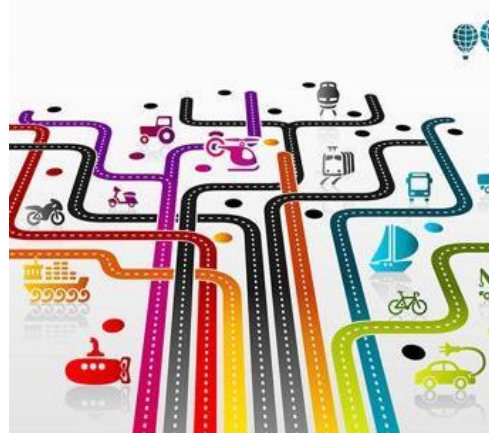


# das Stadtwerk.Emilia



# 3. OUTLOOK & CONCLUSION

# Intermodal Routing App & Mobility Hubs





## Conclusion

- Regensburg is facing big challenges, especially in the areas of mobility, energy and infrastructure.
- Smart Mobility solutions are data-driven applications, based on both traditional and modern infrastructure.
- The key is to connect all the data sources on one platform, refine the data and convert it into solutions.



# Thank you

for your  
attention

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Vermarktung und Geschäftsfeldentwicklung

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