A view to 2050 -The fully integrated, optimised and carbon neutral district

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CA-RES/CA EED/CA EPBD Joint Workshop
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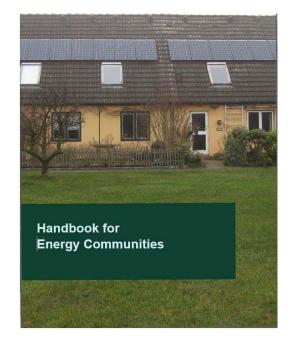
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"Plan for the future

— because that's where you're going to spend the rest of your life."

"If you want to change the future, you must change what you're doing in the present."

Mark Twain

2050 - Policy





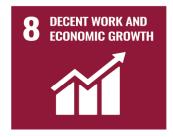






















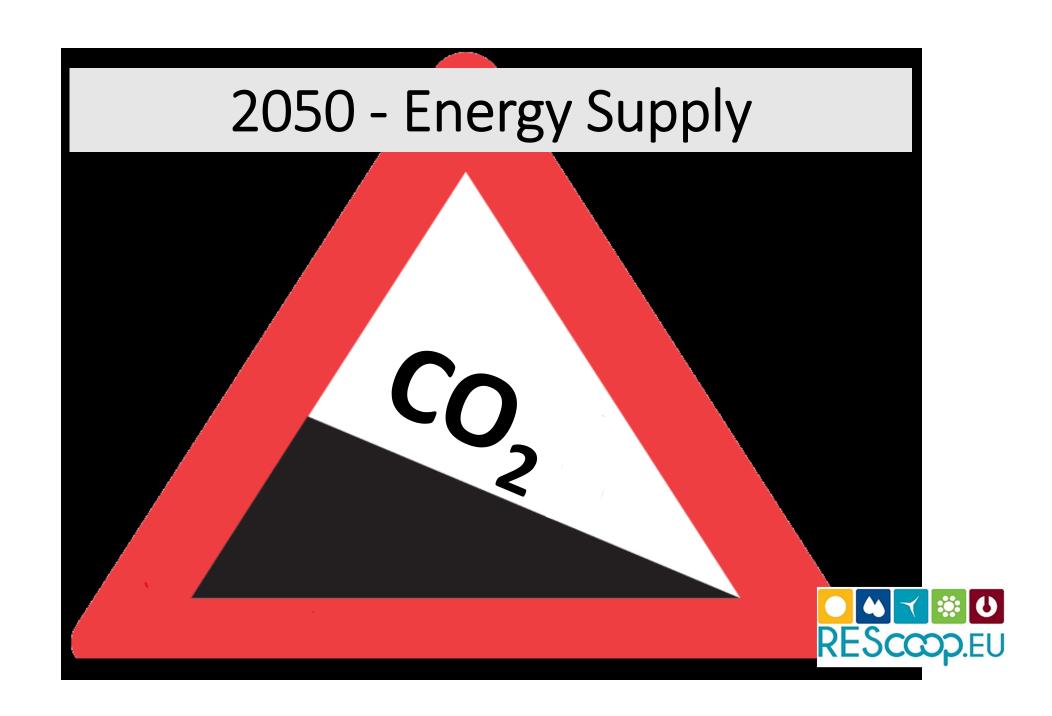








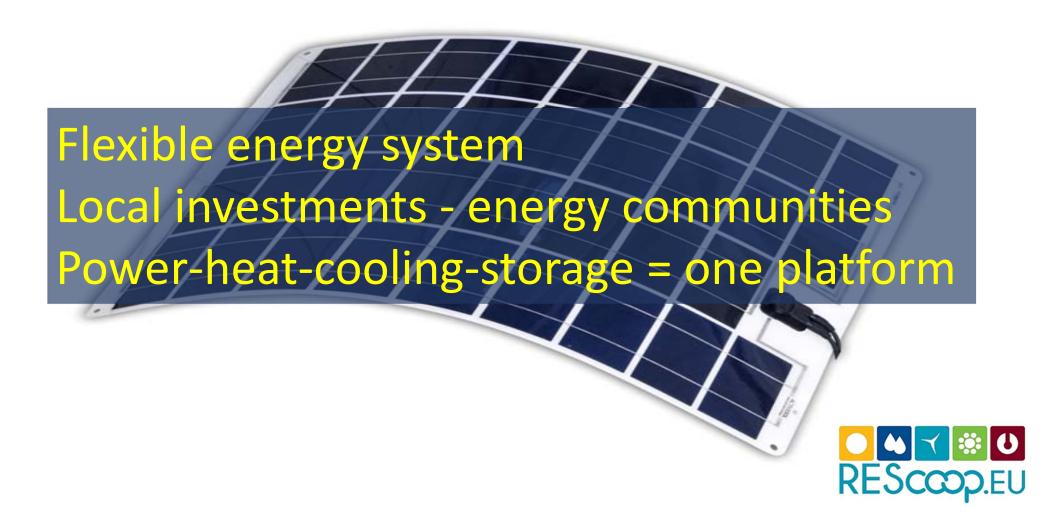


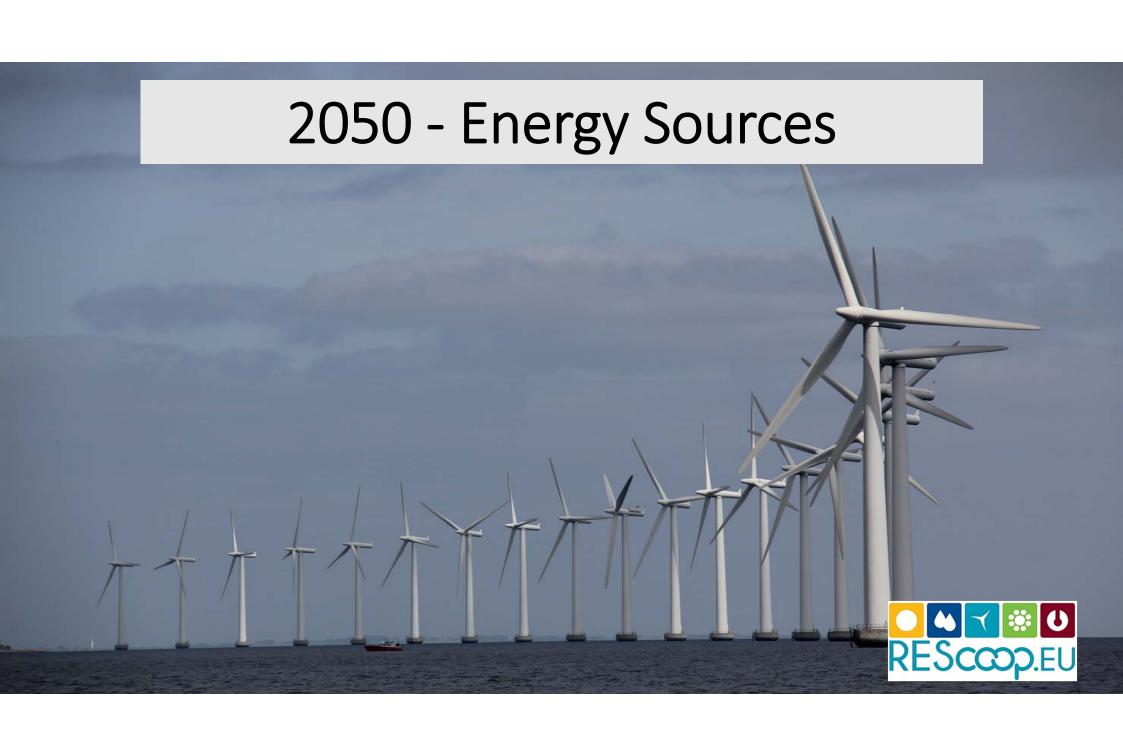


2050 - Energy System

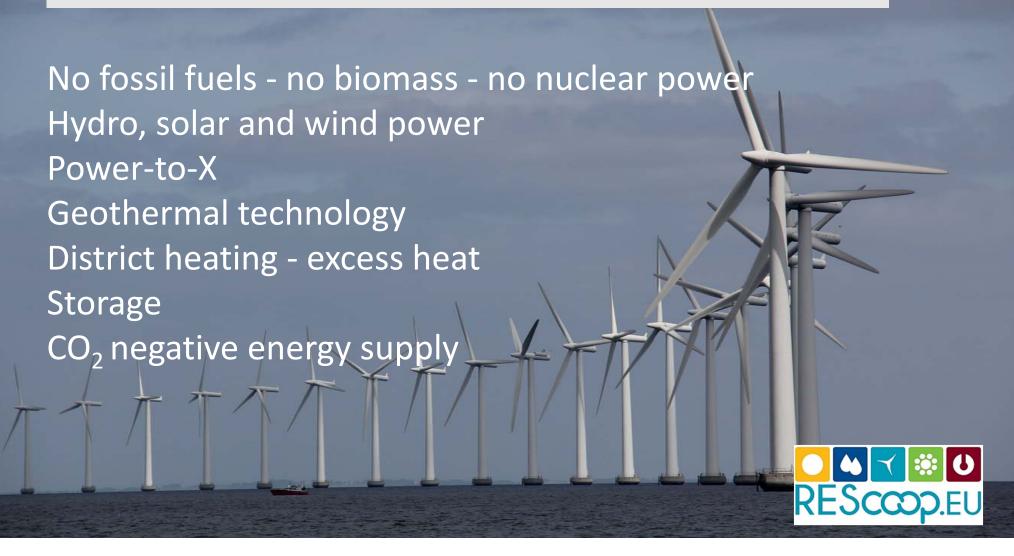


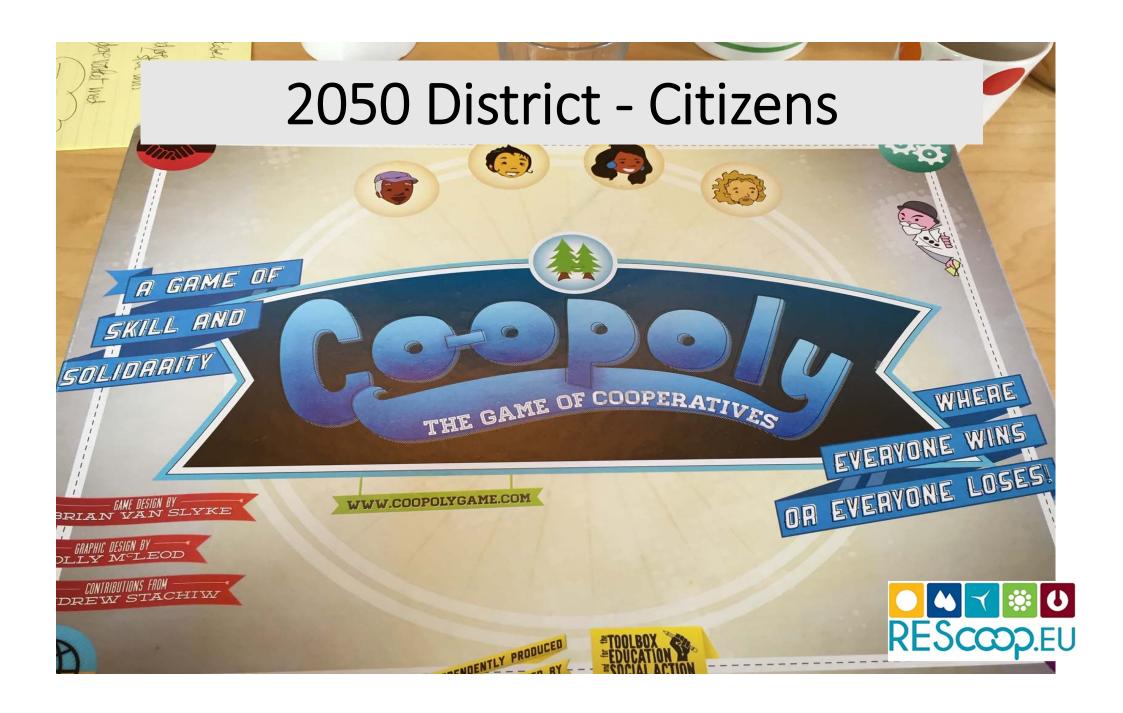
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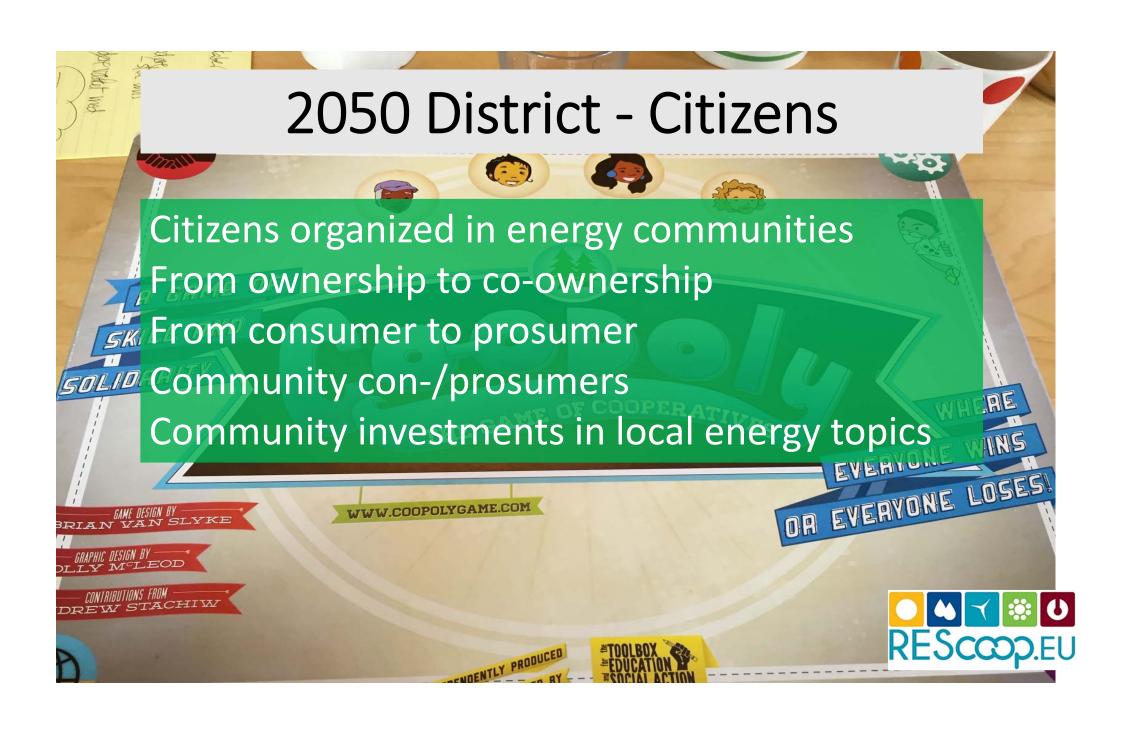




2050 - Energy Sources





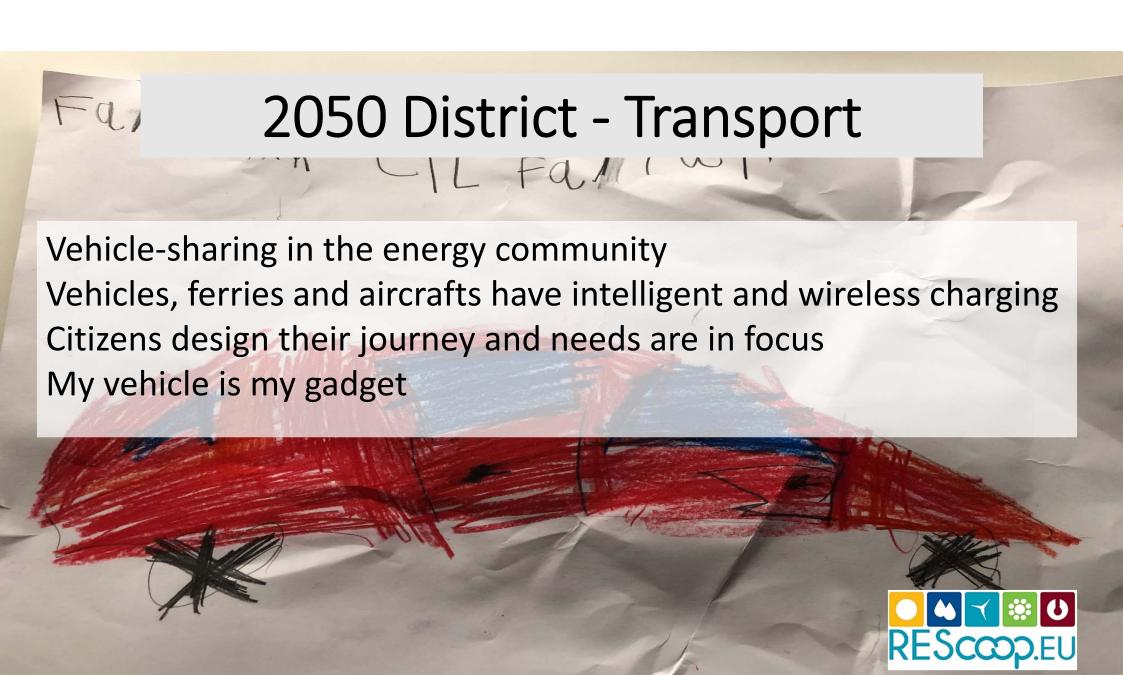




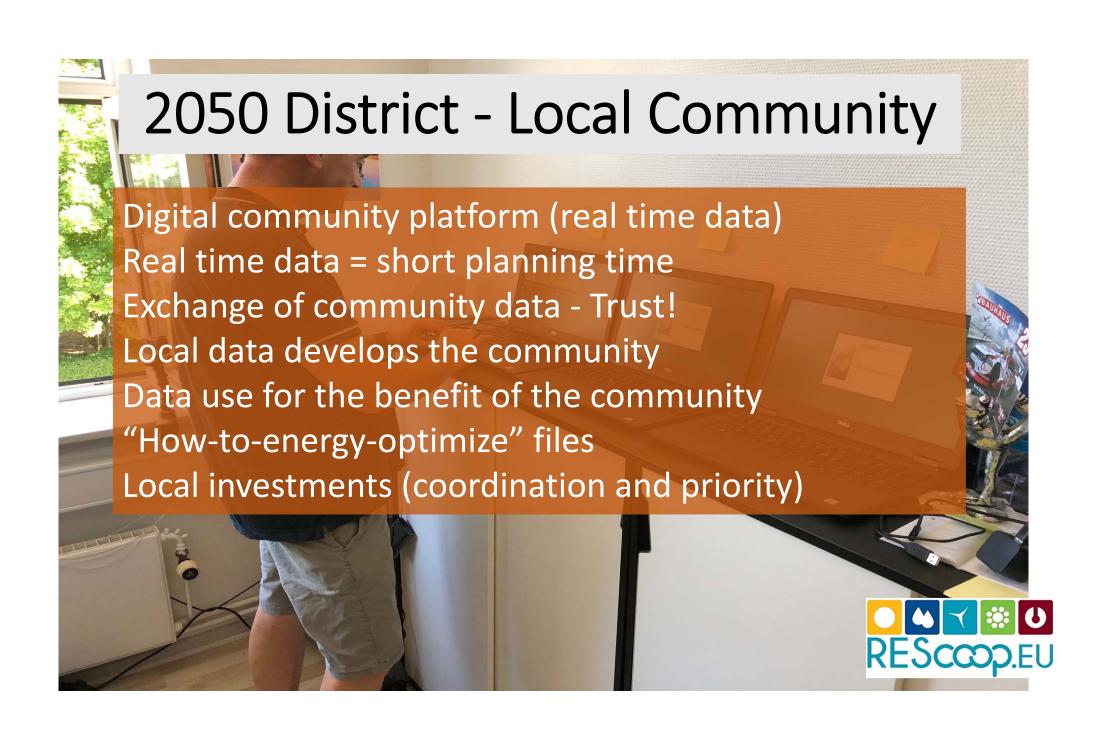
2050 District - Urban Era

Energy self-sufficient buildings - new and retrofitted Intelligent materials and components (standards) Intelligent light and windows Excess energy is sold and re-used/no energy loss Smart exchange of energy in the community Energy communities as energy pioneers/controllers Urban farming - citizen farmer Pedestrianized city centres

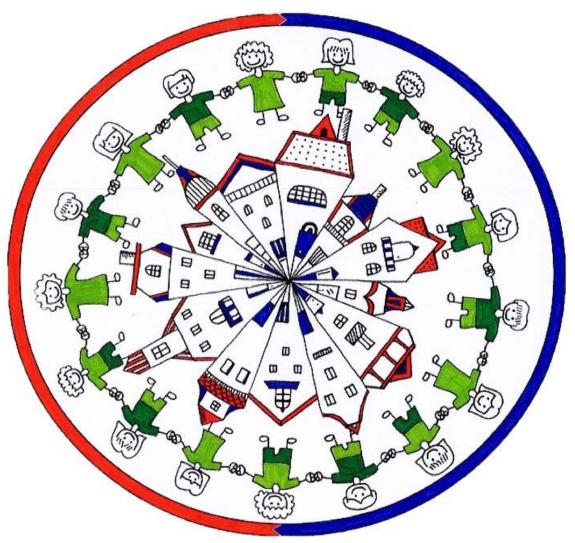








2050 District - Local Community





2050 District - Local Community

Communities are living in real time

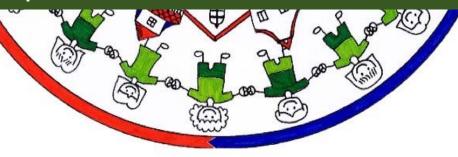
Energy data collection creates tools to design sustainable energy communities

"How-to-create-common-energy-approaches"

Social innovation is integrated in local energy related decisions

Data interpretation predicts the future energy system for citizens!

The fully integrated, optimised and carbon neutral district is a reality!





Go for 2050

Get started!
Thanks

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