



# RENEWABLE GASES - CREATING SYNERGIES AT LOCAL LEVEL INTERVENTION BY CEDEC, EUROGAS AND GEODE

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# GAS

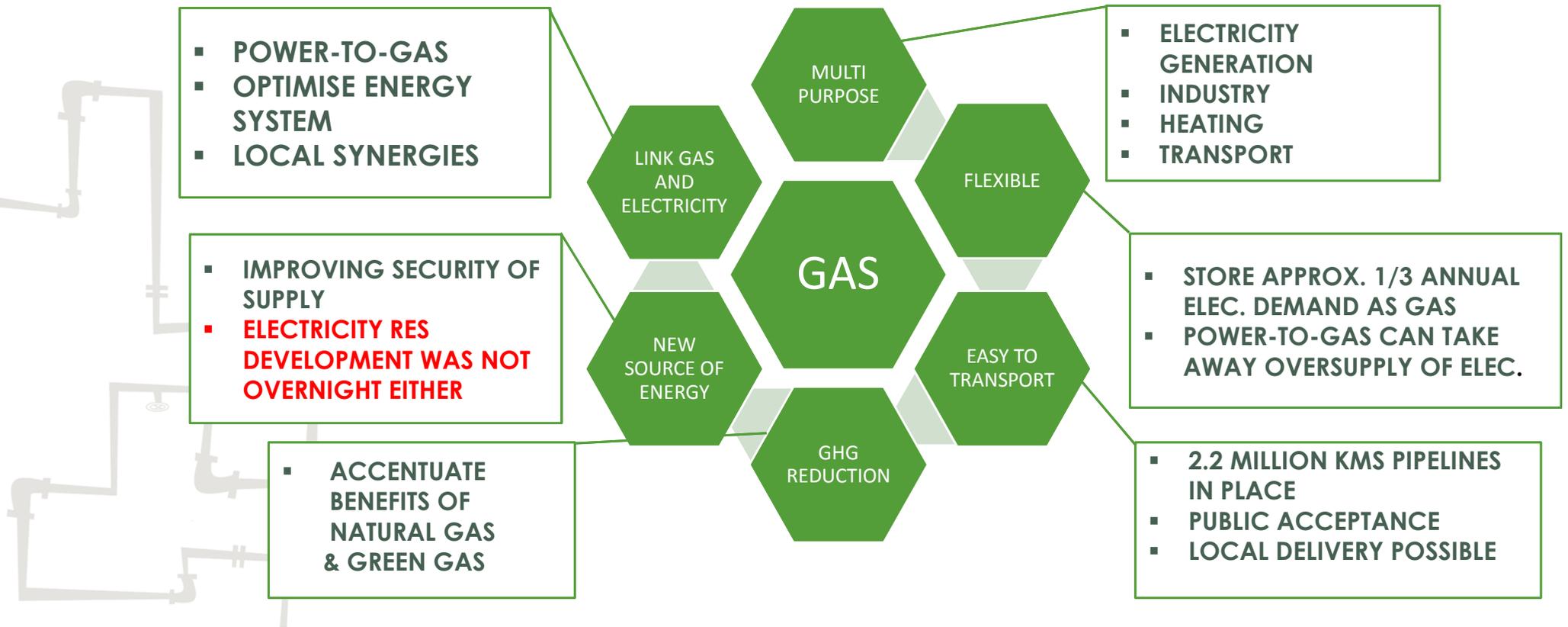
## BENEFITS TO CONSUMER:

- COMFORT
- CONVENIENCE
- COST





# GAS – HELPING TO DELIVER A LOW CARBON WORLD



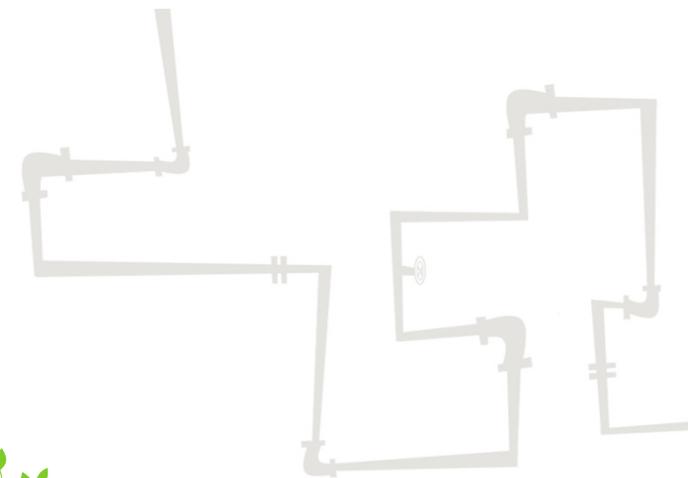


# THREE KEY PERSPECTIVES

- THE CONSUMER
- MULTI USES OF GASES
- SUSTAINABILITY



THE GAS DISTRIBUTION NETWORKS  
ARE THE CENTRE OF THE STORY

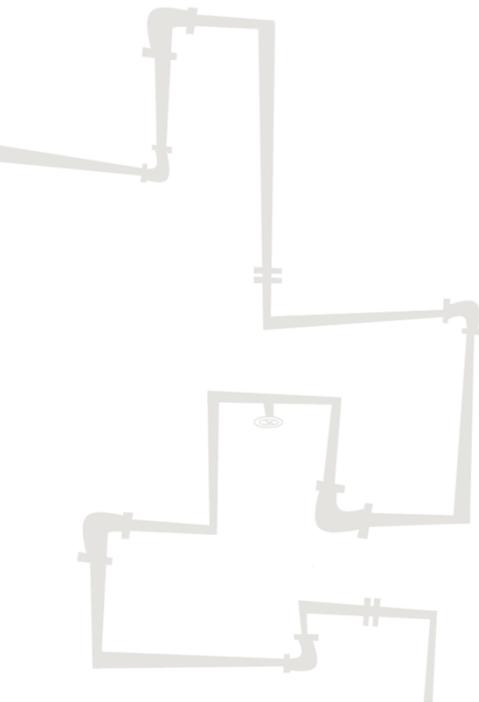




# A HOLISTIC ENERGY SYSTEM –

## COMPLEMENTING RENEWABLE ELECTRICITY WITH GREEN GAS AT A LOCAL LEVEL

- Create integrated systems and synergies across various sectors: interconnection of local energy resources is key for an energy-efficient and profitable development of a sustainable energy market
- Provide the most efficient use of existing infrastructures for electricity, (green) gas, district heating and local transport
- Possibilities to use the synergies between gas and electricity infrastructure: gas grids can help balancing the electricity system, through Power-to-Gas (P2G)
- P2G enables the storage of excess electricity during times of high variable RES supply and its transport to demand centres through existing infrastructure
- Increased coupling and interactions will increase sustainability and security of supply at the lowest cost for society



# GREEN GAS

## KEY BARRIERS:

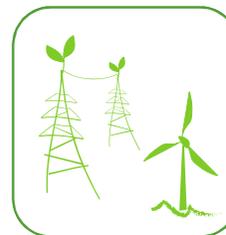
- REGULATORY
- COMMERCIAL
- TECHNICAL
- POLICY



WHAT ARE THE SOLUTIONS?



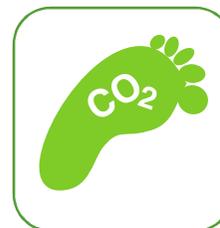
SUSTAINABLE TRANSPORT



INTEGRATING ENERGY SYSTEMS



DIVERSIFICATION



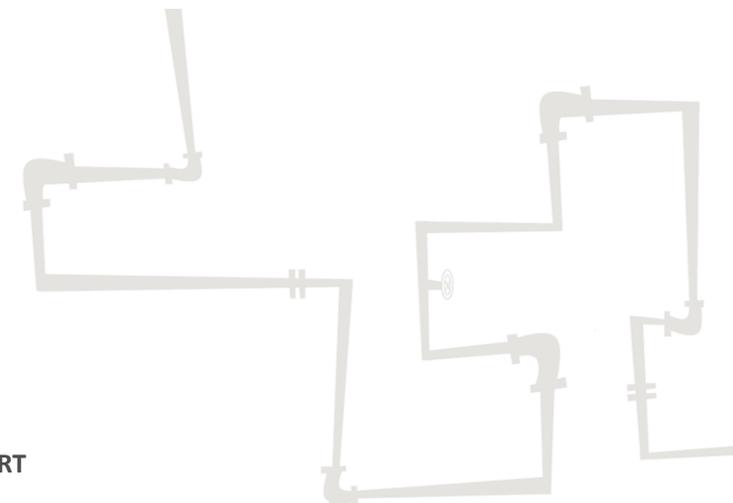
CARBON REDUCTION



SERVING CUSTOMERS



CIRCULAR ECONOMY





# THE RENEWABLE ENERGY DIRECTIVE II



*Facilitate trading of renewable gas*

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*Equal treatment of renewable gasses in transport*

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*Update the list of renewable energies in Annexes*

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*Maintain gas grid measures*

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*Provision of supporting environment*

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*Consistency with other policy measures*

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# THANK YOU

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