



# Decarbonising rural heating with LPG and bioLPG



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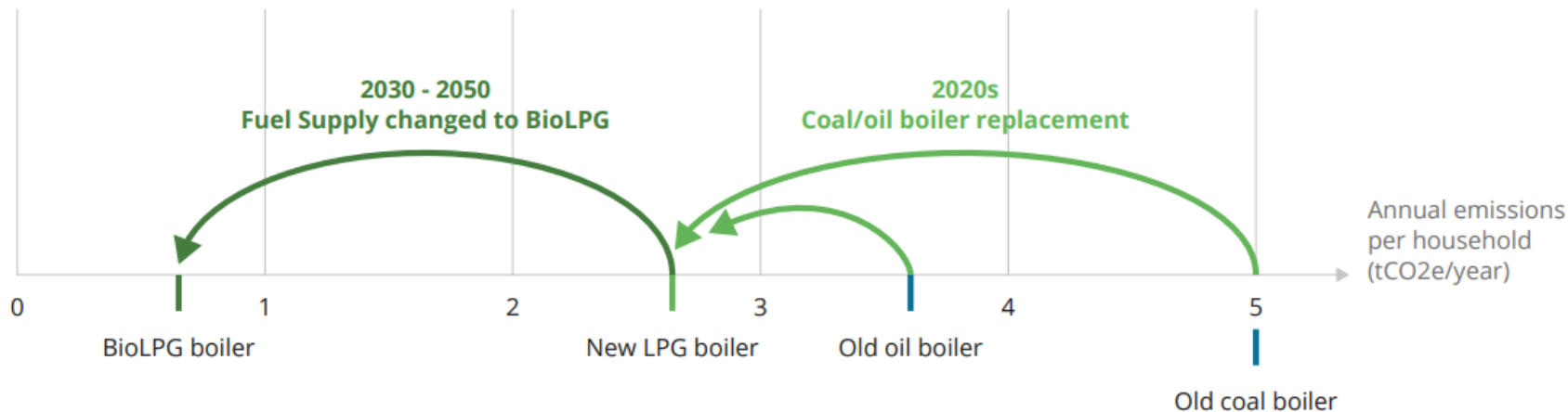
# Decarbonising homes in Europe's rural areas



## LOW HANGING FRUIT

Phase out the most polluting fuels first

Old coal and heating oil boilers emit 92% and 39% more CO<sub>2</sub> emissions than a new LPG boiler

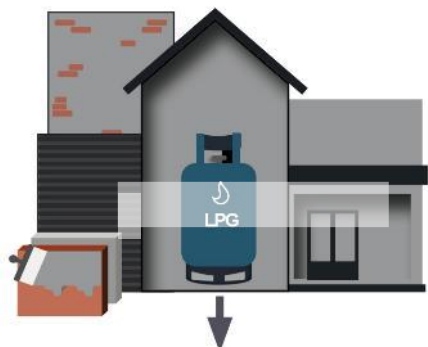


Source: Scenarios for decarbonising homes in Europe's rural areas (2018) FREE Initiative

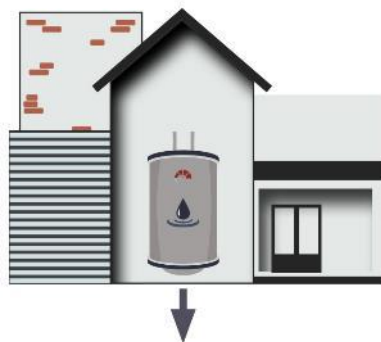
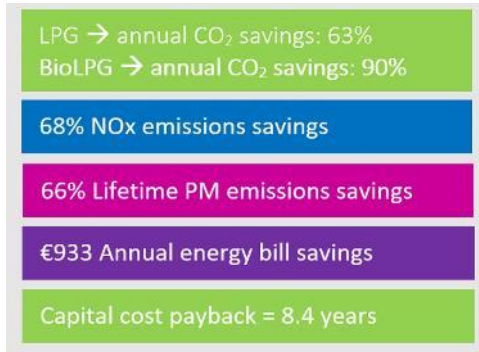
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# Cost-effective solutions for rural heating



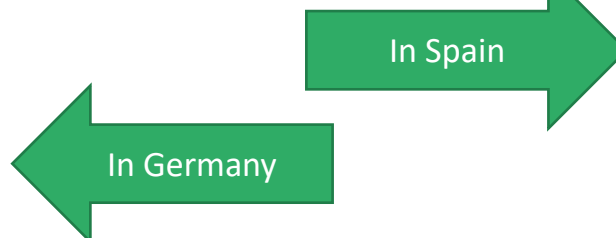
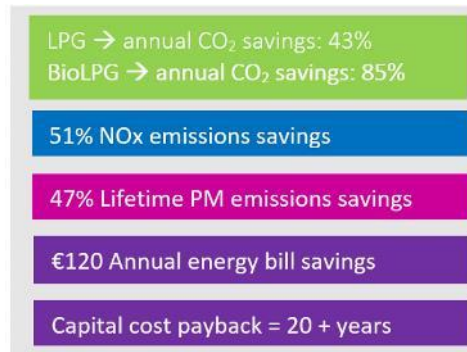
Modern condensing LPG Boiler + thermal insulation



Heating oil system



Hybrid - solar thermal and LPG boiler system



Source: Heating case studies – Germany, Spain (2019) Liquid Gas Europe

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# Supporting rural business in the energy transition

## Cheese producer in France



By switching from heating oil to **LPG**:

- Estimated 20% reduction of operating costs
- When using bioLPG, cost still estimated 15% lower

## Agriturismo in Italy



By switching from heating oil to **LPG**:

- Reduction of energy consumption by ~20%
- Annual carbon emissions estimated to fall by 33%



# Thank you!

For more information, please contact

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