



# PHOTOELECTROCATALYTIC DEVICE FOR SUN-DRIVEN CO<sub>2</sub> CONVERSION INTO GREEN CHEMICALS

Addressing the needs  
of the European Chemical  
Industry for a carbon-neutral  
production of energy  
and high-value chemicals

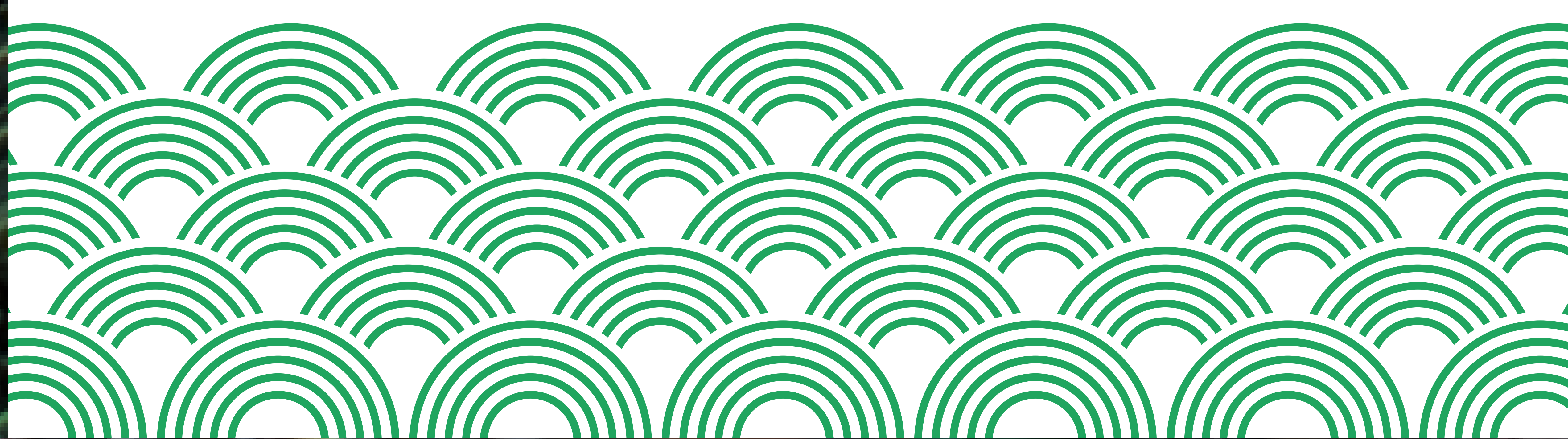
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This project has received funding  
from the European Union's Horizon 2020  
research and innovation programme  
under grant agreement No. 862192



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# SunCO<sub>2</sub>Chem

Development and validation of a photoelectrocatalytic reactor for sun-driven CO<sub>2</sub> conversion into green oxo-chemicals

## Solar energy

Direct exploitation and utilization of solar energy

## Circular economy

Revalorisation of industrial waste streams and by-products

## Sustainable chemistry

Improved chemical energy conversion efficiency

## CO<sub>2</sub> conversion

Energy saving and CO<sub>2</sub> emissions reduction

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