

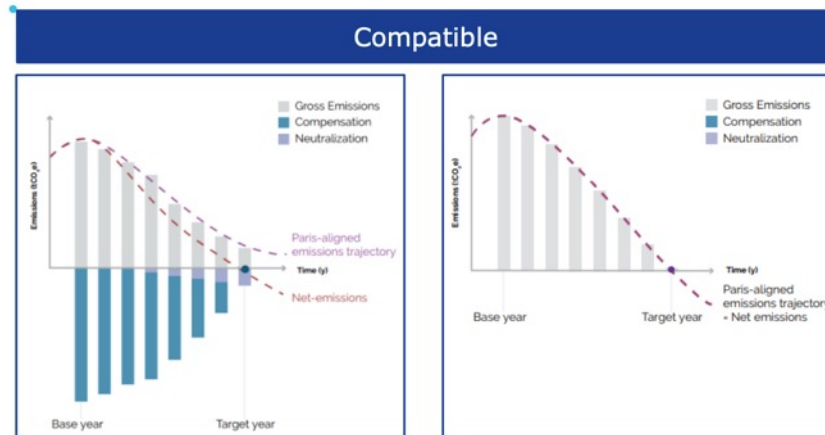


# Carbon Offsetting and Carbon Trading Opportunities



# Net Zero targets refer to the balance of GHG emissions and removals

- Emissions are reduced in line with a **1.5°C mitigation pathway** as set by the Paris agreement
- Remaining emissions are neutralised by carbon removals or compensated
- **Compensation (or offsetting)** represents an immediate instrument to achieve the Paris goals – compensation, however, cannot entirely replace the necessary emissions reduction

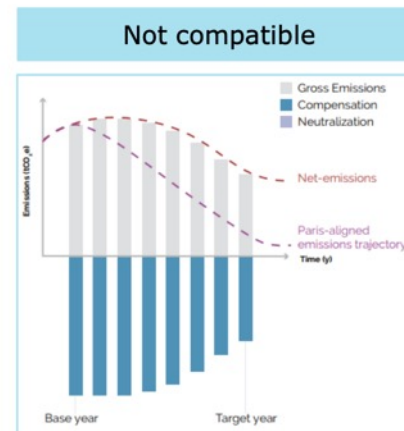


### "Climate positive":

- Full compensation immediately
- Ambitious reduction
- Step-by-step neutralization

### „Emission-free “:

- Full reduction to 0
- No compensation or neutralization in the meantime



### "Compensation instead of reduction":

- No ambitious reduction
- Full compensation or crediting "avoided emissions"

**Climate neutrality**  
=  
**achieving Net-Zero emission**

# Science-based targets represent the scientific approach to climate neutrality

- Science-based targets provide a **clearly-defined pathway** for companies to reduce (GHG) emissions, on the basis of what climate science identify as necessary to meet the goals of the Paris Agreement
- It is aligned with UN climate targets
  - "How much do we have to reduce?" vs "How much can we reduce?"
- The Science Based Targets Initiative (SBTi) is the authority to science-based targets





# How to achieve climate neutrality?

## Reduce

- ✓ Plan a trajectory to reduce emissions
- ✓ Set targets consistent with a 1.5°C mitigation pathway
- ✓ Implement reductions

## Compensate

For the unavoidable emissions, become climate neutral by **financing projects** that further avoid and remove emissions

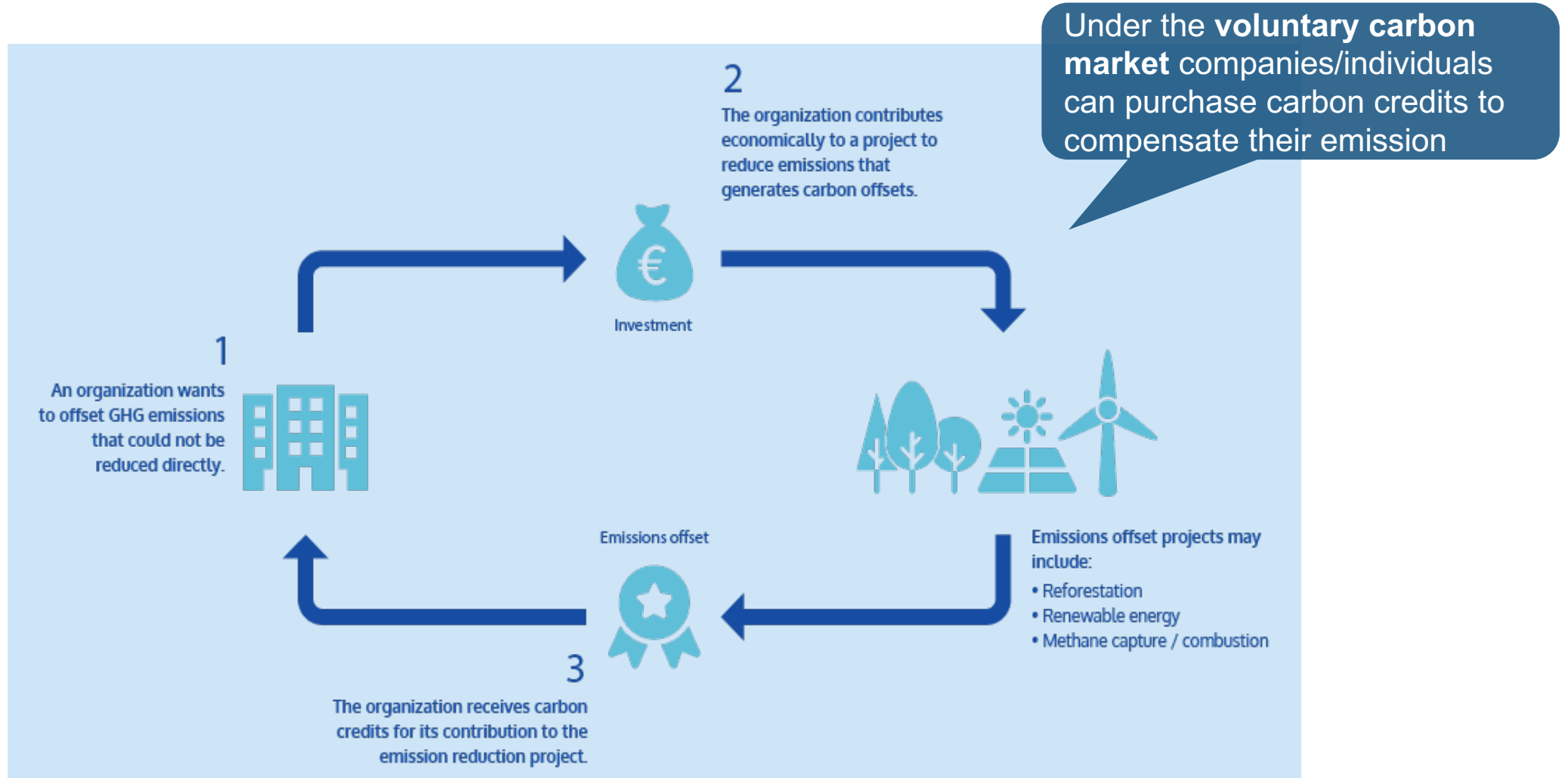
## Neutralize

Eventually eradicate unavoidable residual emissions with carbon removals to achieve net zero





# Carbon offsetting is a **policy instrument** to enhance sustainability through GHG emission reduction



**1 carbon credit = 1 ton of avoided CO2 eq emissions**

In order to generate carbon credits a projects should meet specific requirements

## Additionality

Additionality means that it can be ensured that the emissions reduction project **would not have occurred without the financing** from carbon offsetting.

## Permanence

Permanence ensures that the **risk of reversal is minimized** and that, should any reversal occur, a mechanism (e.g.. 20% risk buffer pool) is in place that guarantees the reductions or removals will be replaced

## Carbon offsetting project

## Avoidance of double counting

An emissions reduction should be able to be tracked to ensure that it **has not been already sold**, or cannot be sold in the future, more than once.

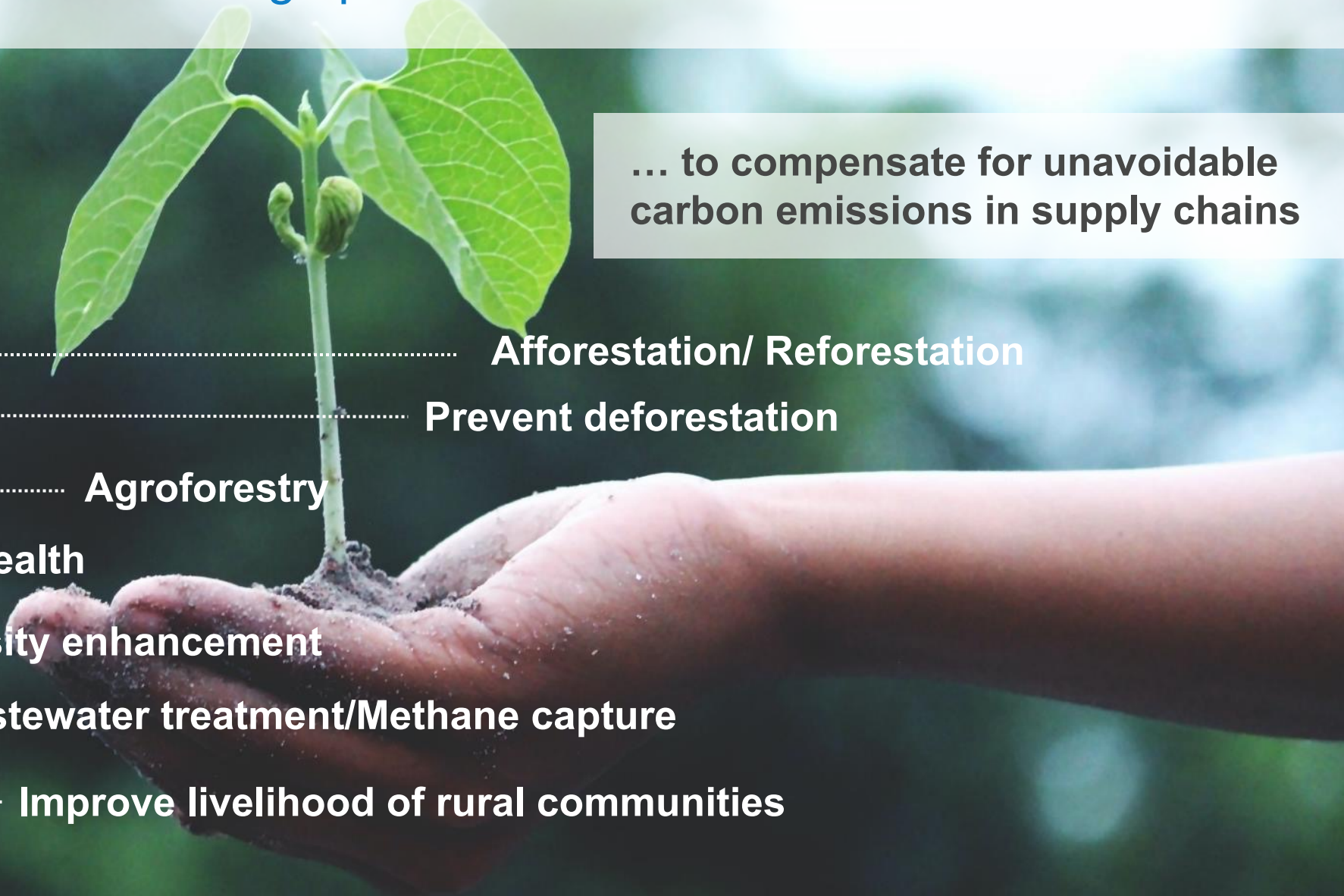
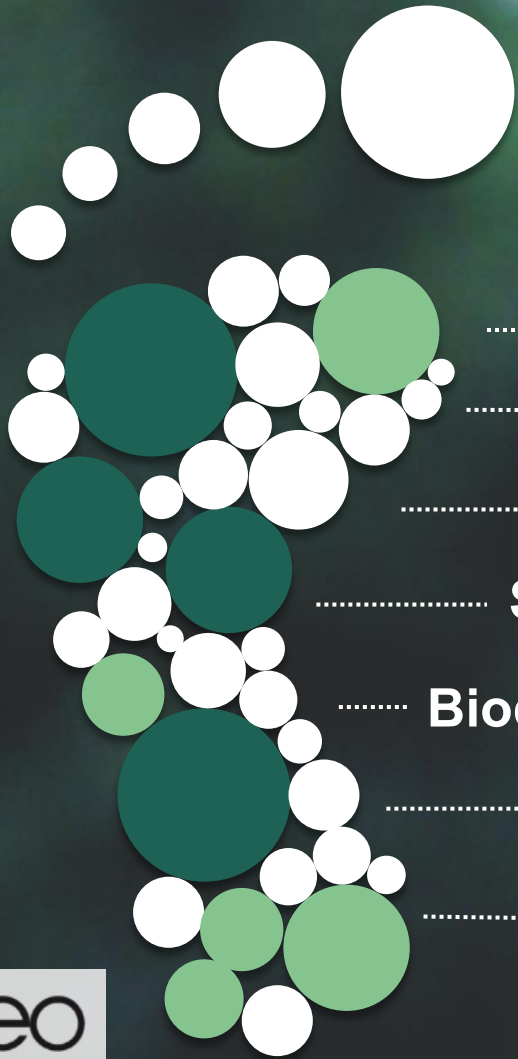
## Verifiability

The emissions reductions have been **quantified and verified** by an independent third party



# Development of GHG offsetting options ...

... to compensate for unavoidable carbon emissions in supply chains



Afforestation/ Reforestation

Prevent deforestation

Agroforestry

Soil health

Biodiversity enhancement

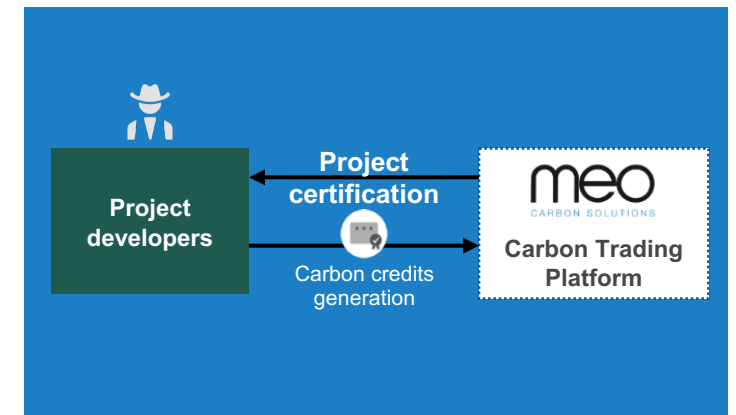
Wastewater treatment/Methane capture

Improve livelihood of rural communities

# Meo Carbon Solutions provides support to interested stakeholders to compensate their own GHG emissions



- Ensuring **high-quality carbon credits**, addressing social and environmental co-benefits (e.g. ecosystem services), besides GHG emission reduction
- **Buying** high-quality carbon credits directly from project developers
- **Selling** high-quality carbon credits
- **Certifying** carbon offsetting projects



**Confidential**






Many thanks for your attention!

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