

III International Conference Risk Management in Energy - 2020

Circular Carbon Economy Guide

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CCE Guide – Background

| | Circular Economy | Circular Carbon Economy |
|--------------|--|--|
| What | Systems approach to sustainable production and consumption | Systems approach to climate mitigation valuing all options |
| Scope | Resource and material flows | Energy and carbon flows |
| Goal | Minimize resource consumption and final waste disposal | Manage GHG emissions (including CO2) toward balance |



Reduce



Reuse



Recycle

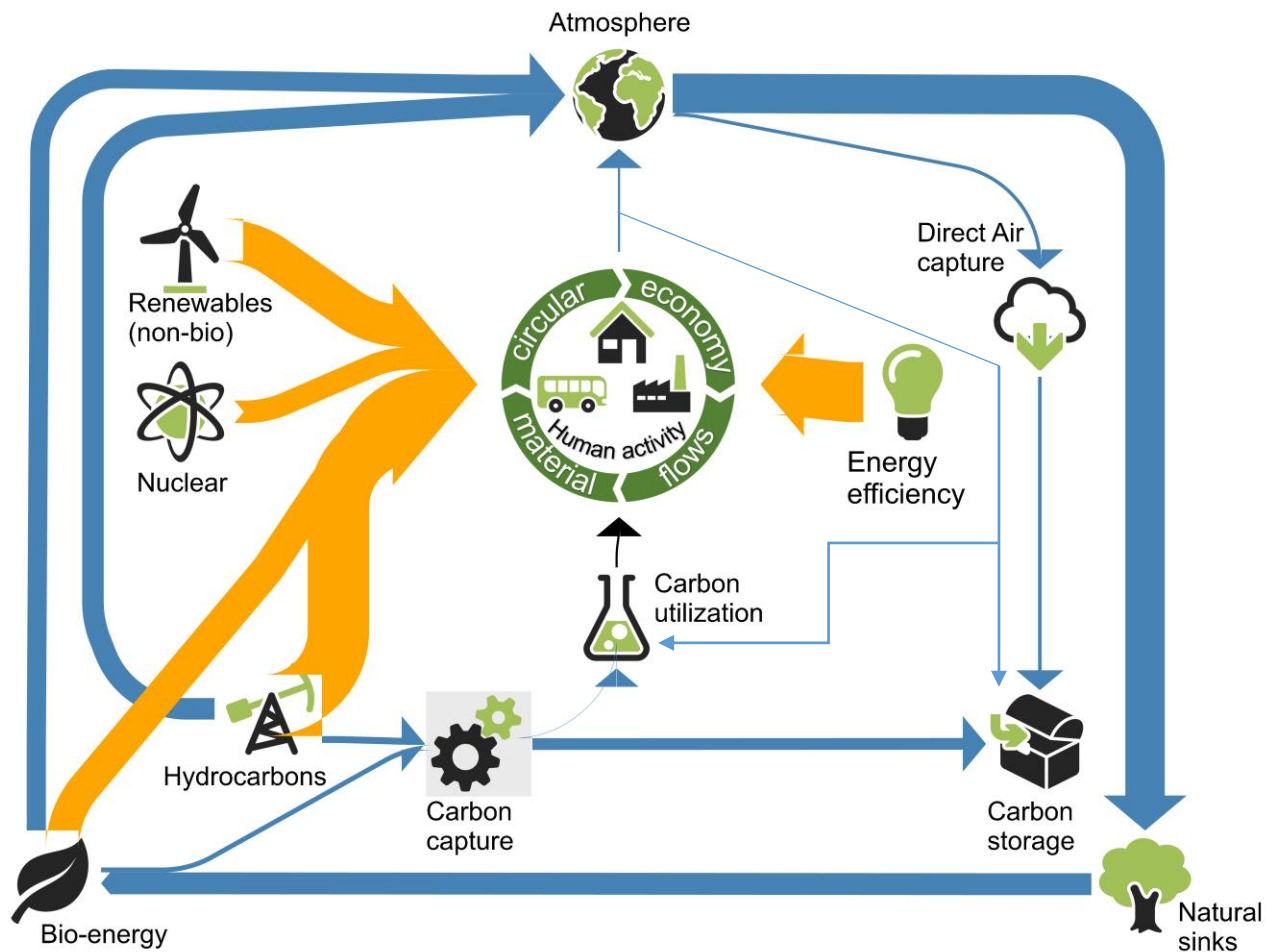


Remove

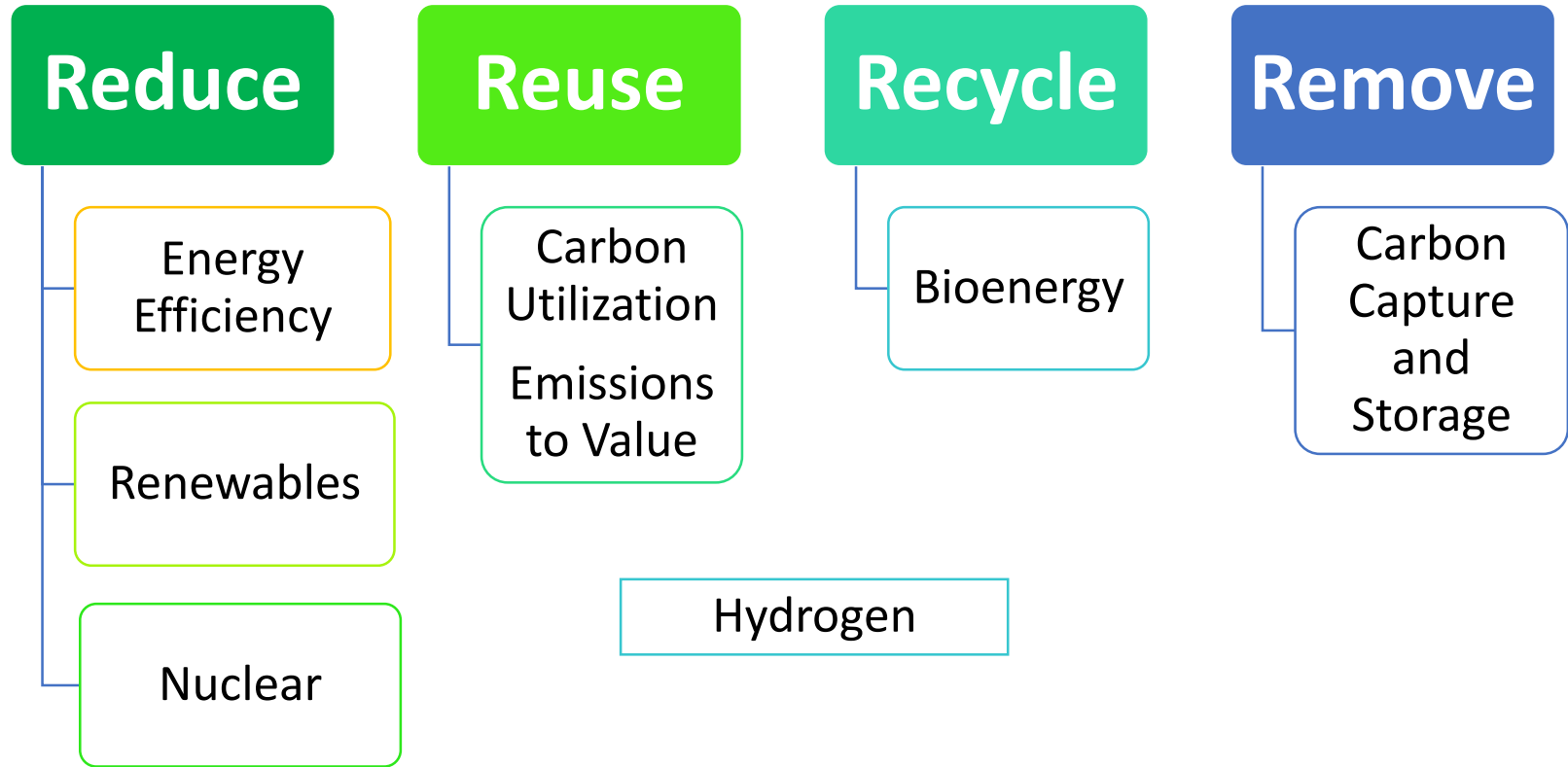
Energy

CO₂

Products



CCE Guide – Key components of 4 Rs



CCE Guide – Authors



• Overview

• Reduce: Energy Efficiency

• Reuse: Carbon Utilization

• 4Rs: Hydrogen

• Reduce: Nuclear Energy

• Reduce: Non-biomass Renewables

• Recycle: Bioenergy

• Remove: Carbon Capture & Storage
and Direct Air Capture

• Enabling Policies



Reduce



Reuse

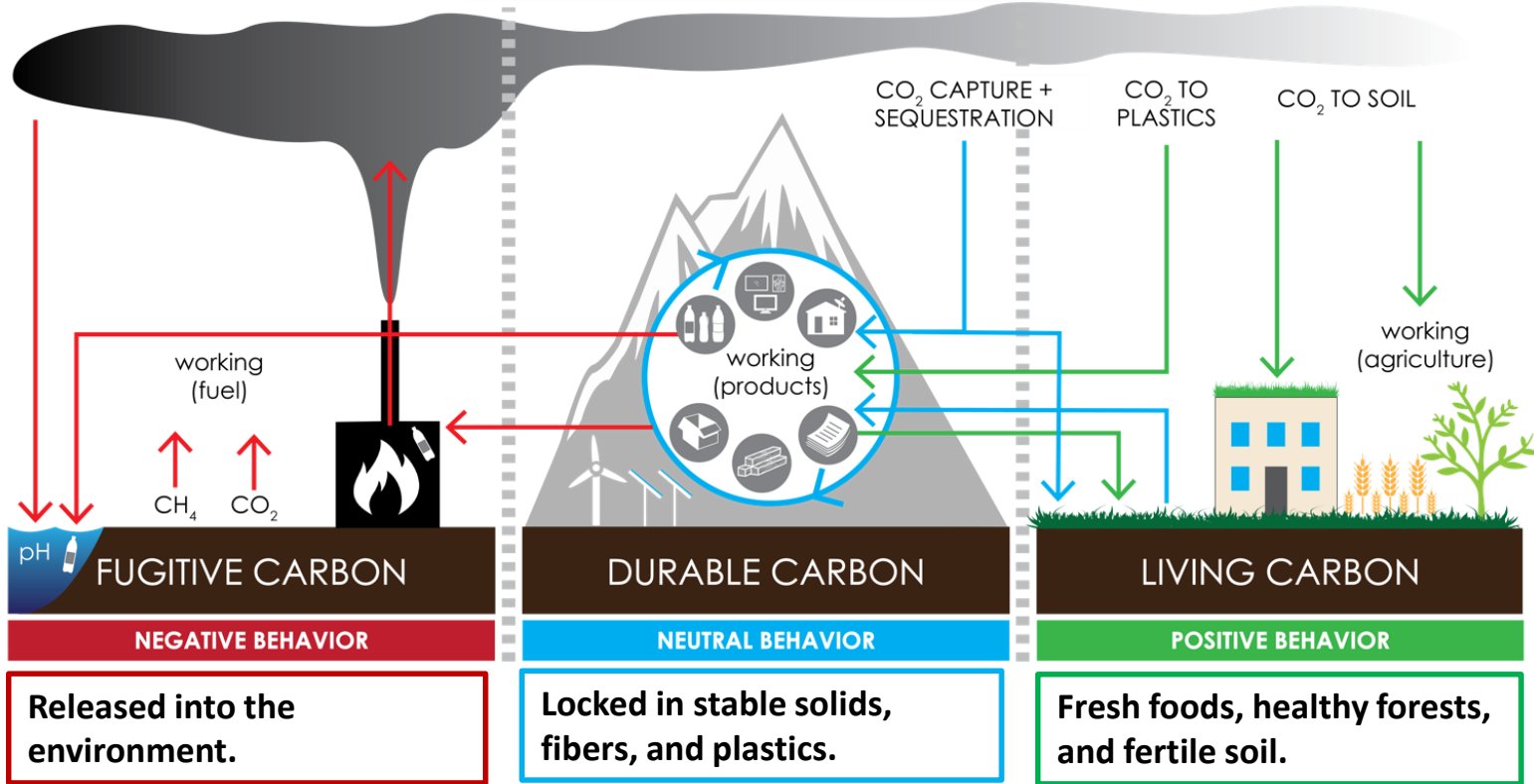


Recycle



Remove

A New Language: Carbon is not the enemy



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Thank you

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