

Not driving an EV just yet?

Lower your carbon footprint with what you have now.

climate change mitigation

pollution control

energy security

solutions



ADVANCED
BIOFUELS USA

501(c)3 Nonprofit Educational Organization

military flexibility

economic development

www.AdvancedBiofuelsUSA.org

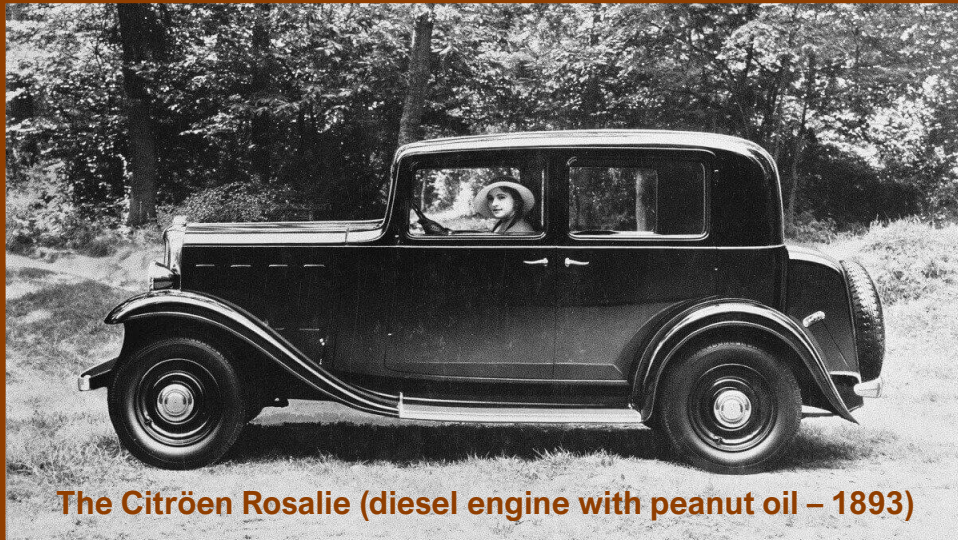
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Presenter: Joanne Ivancic
Executive Director
Advanced Biofuels USA

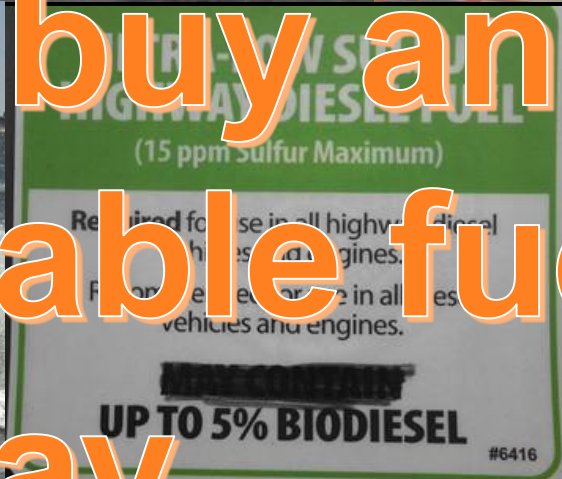
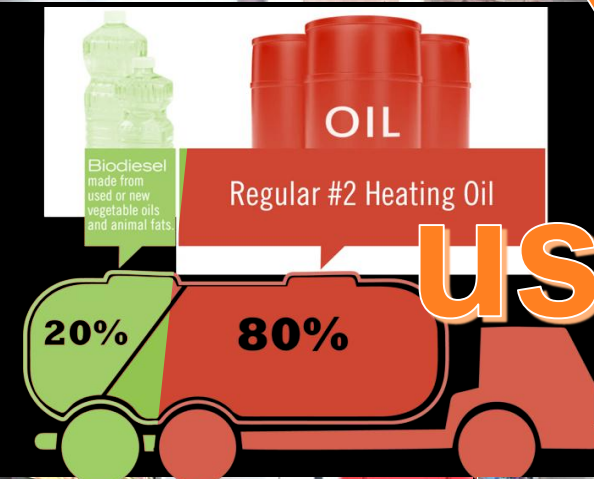
Biofuels are not new

Ford Model T





You can buy and use renewable fuels today.









Switchgrass



What else?

Algae



Willow



Sugar Beet



What else?





Recycled plastic



Leather tannery waste



What else?
Tires



Woody biomass



Cotton seeds & hulls



Solid & food waste

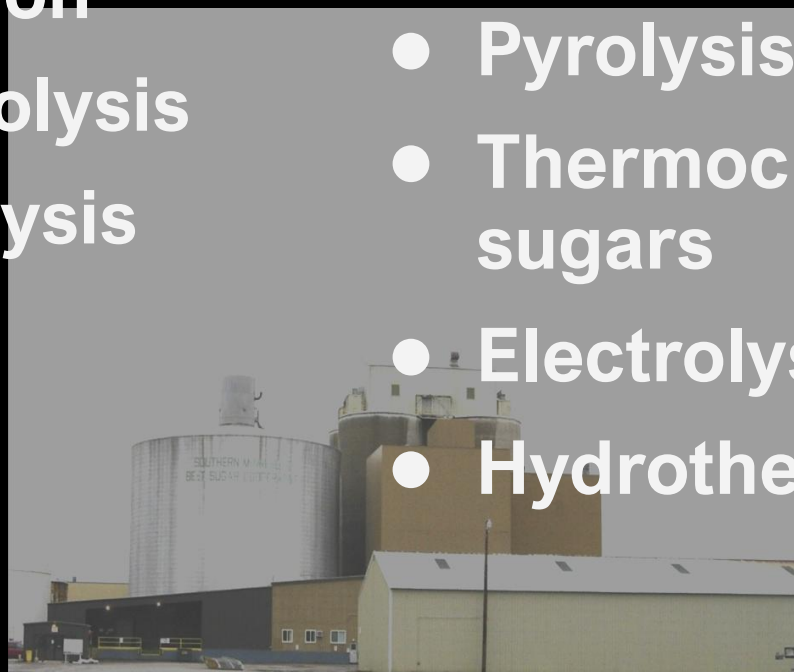
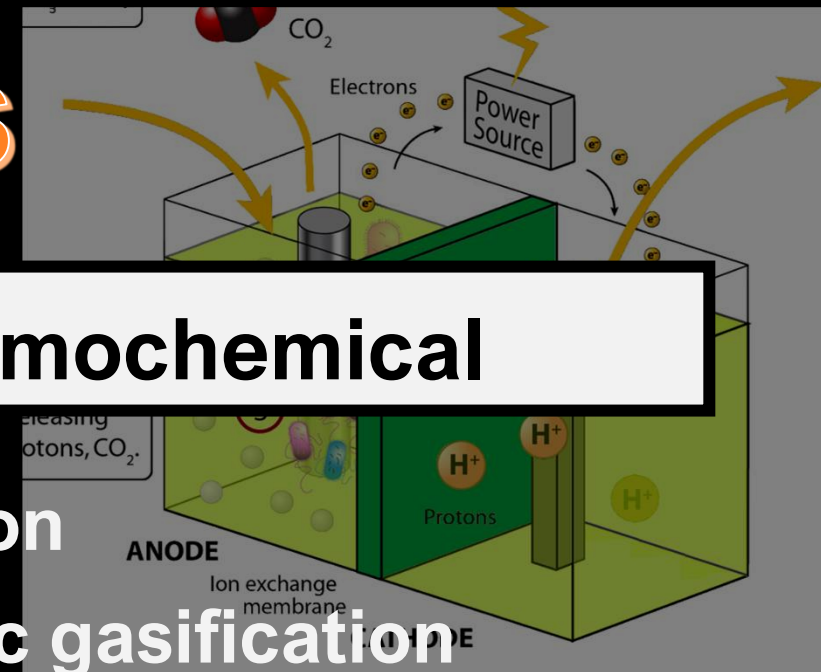
Processes

Biochemical

- Fermentation
- Transesterification
- Enzymatic Hydrolysis
- Enzymatic Catalysis
- Photosynthesis

Thermochemical

- Gasification
- Plasma arc gasification
- Pyrolysis/Fast Pyrolysis
- Thermochemical conversion of sugars
- Electrolysis
- Hydrothermal Liquefaction (HTL)



Logistics



Harvest

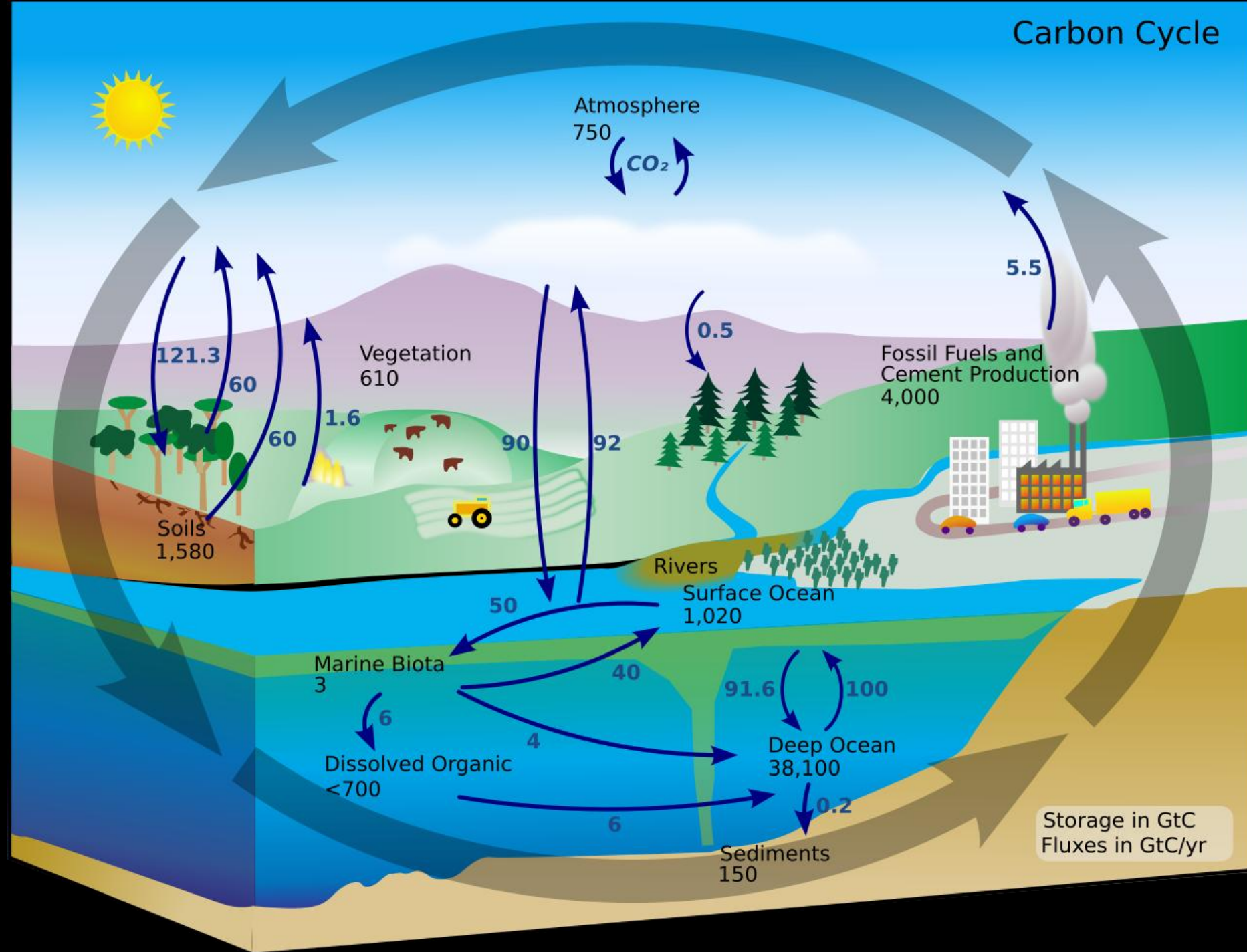


Transport



Storage

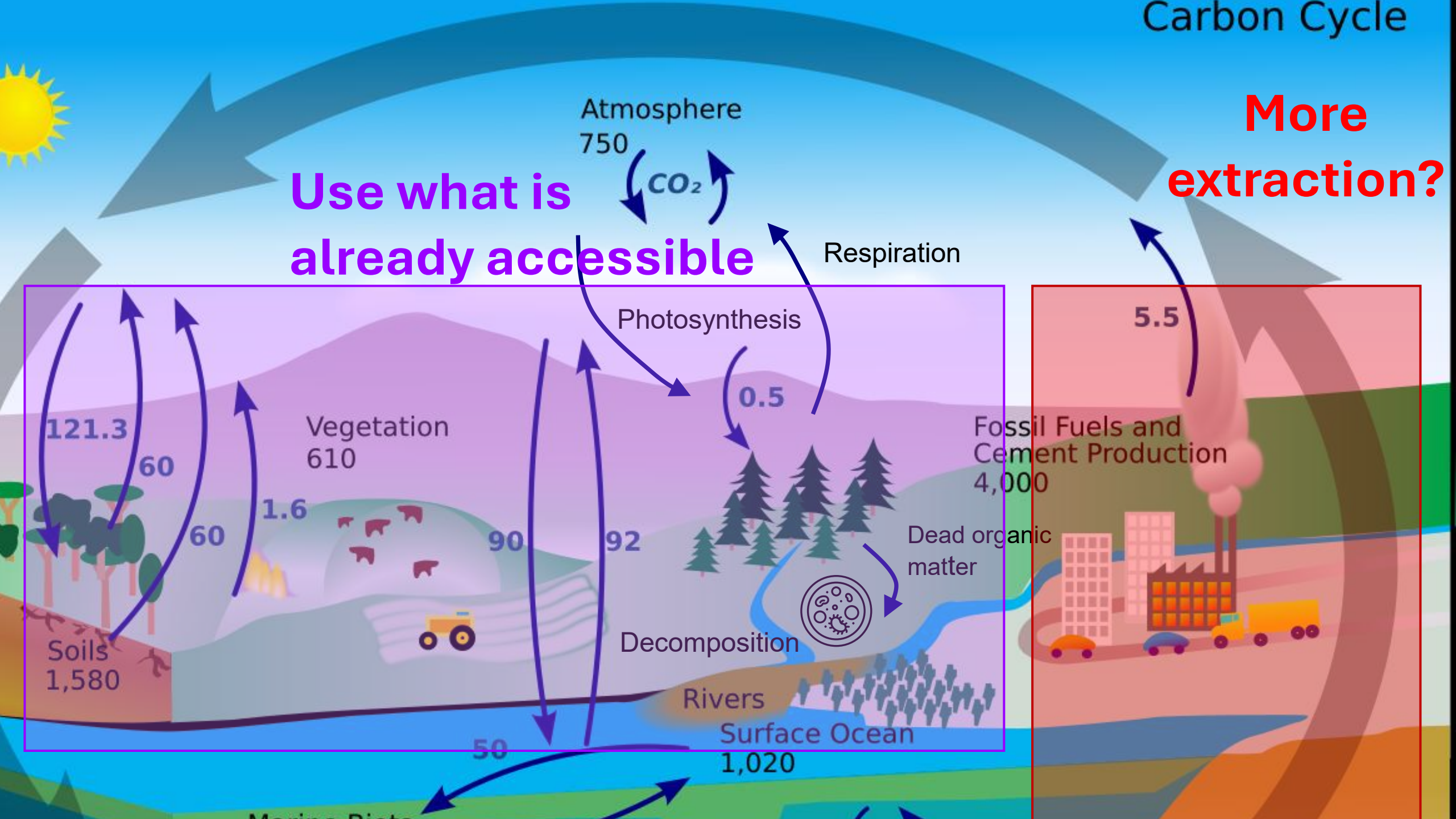
The Carbon Cycle



Carbon Cycle

**More
extraction?**

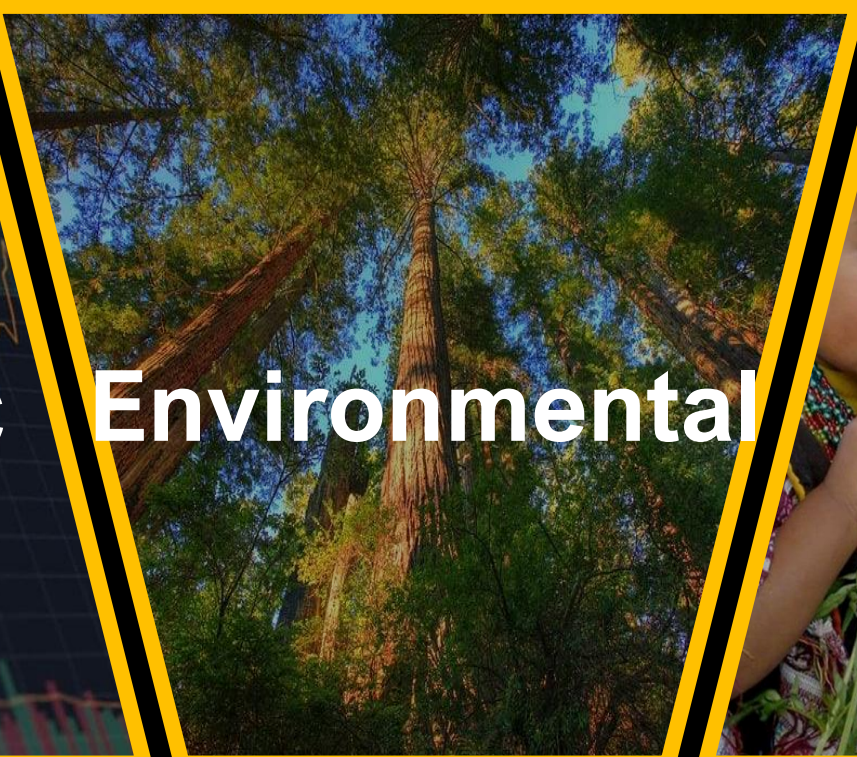
**Use what is
already accessible**



Principles of Sustainability



Economic

A financial line chart with multiple colored lines (green, yellow, red, blue) fluctuating on a dark background with a grid.

Environmental

A photograph of a dense forest with tall, slender trees reaching towards a blue sky with some clouds.

Social

A photograph of two young children, a boy and a girl, wearing traditional colorful clothing and holding yellow flowers. The boy is on the left, and the girl is on the right. A small text credit "Foto: Lale Guendula" is visible in the bottom right corner of the image.

Economic



Indonesia to Go Ahead with B50 Biodiesel Mix in 2026, Says Prabowo

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March 30, 2026

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by Stanley Widiyanto and Stefano Sulaiman (Reuters) Indonesia's President Prabowo Subianto said on Monday during an official visit to Japan that the Southeast Asian country will go ahead this year with its B50 palm oil-based biodiesel programme.

"We are going in a big way to biofuel," he said at a business forum ahead of his meeting with Japanese Prime Minister Sanae Takaichi.

"We will produce this year diesel oil from palm oil and now we are increasing from 40% to 50%."

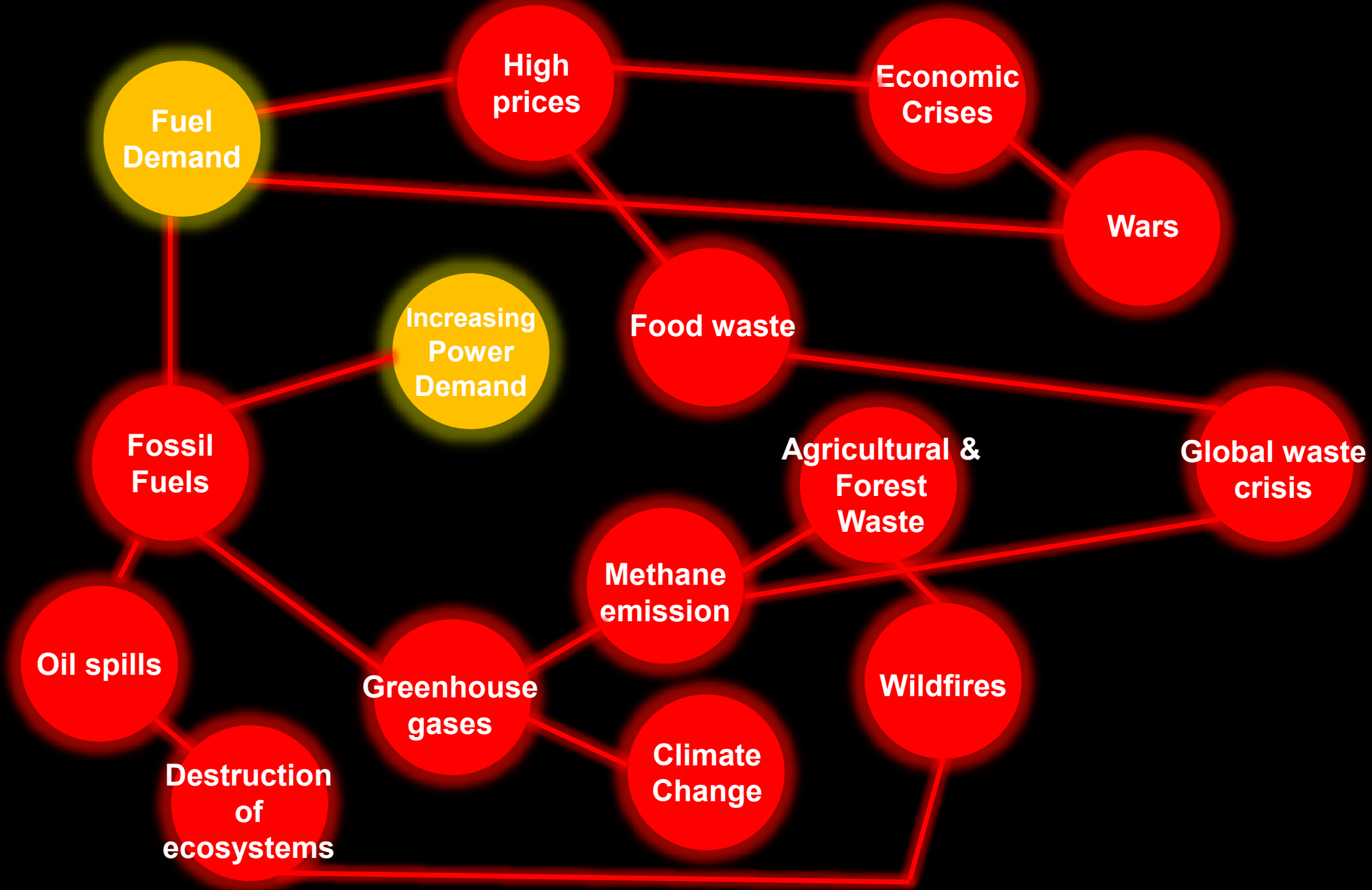


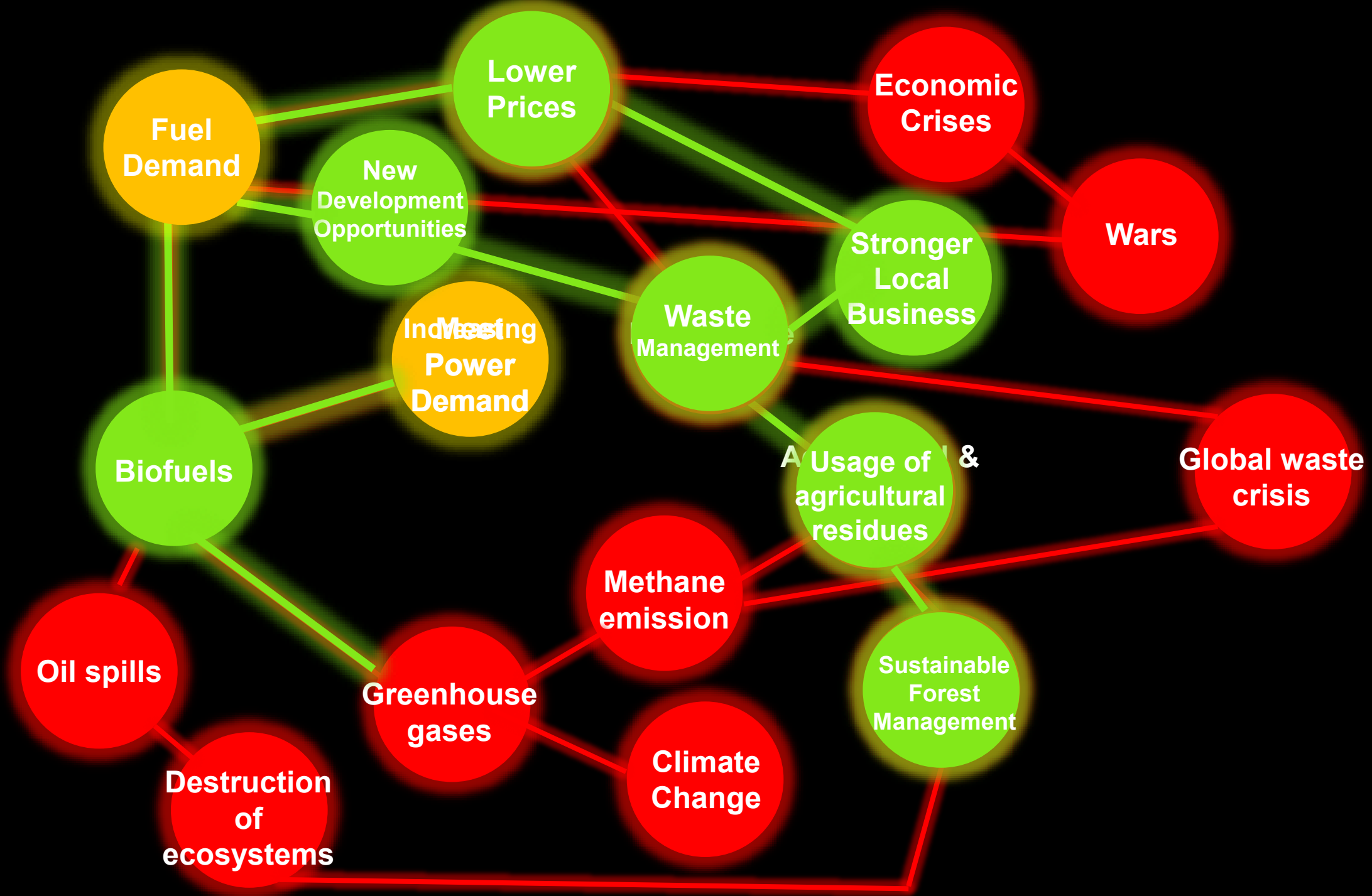
Social



Government Land ownership Transportation Infrastructure Education







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It's up to you.



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