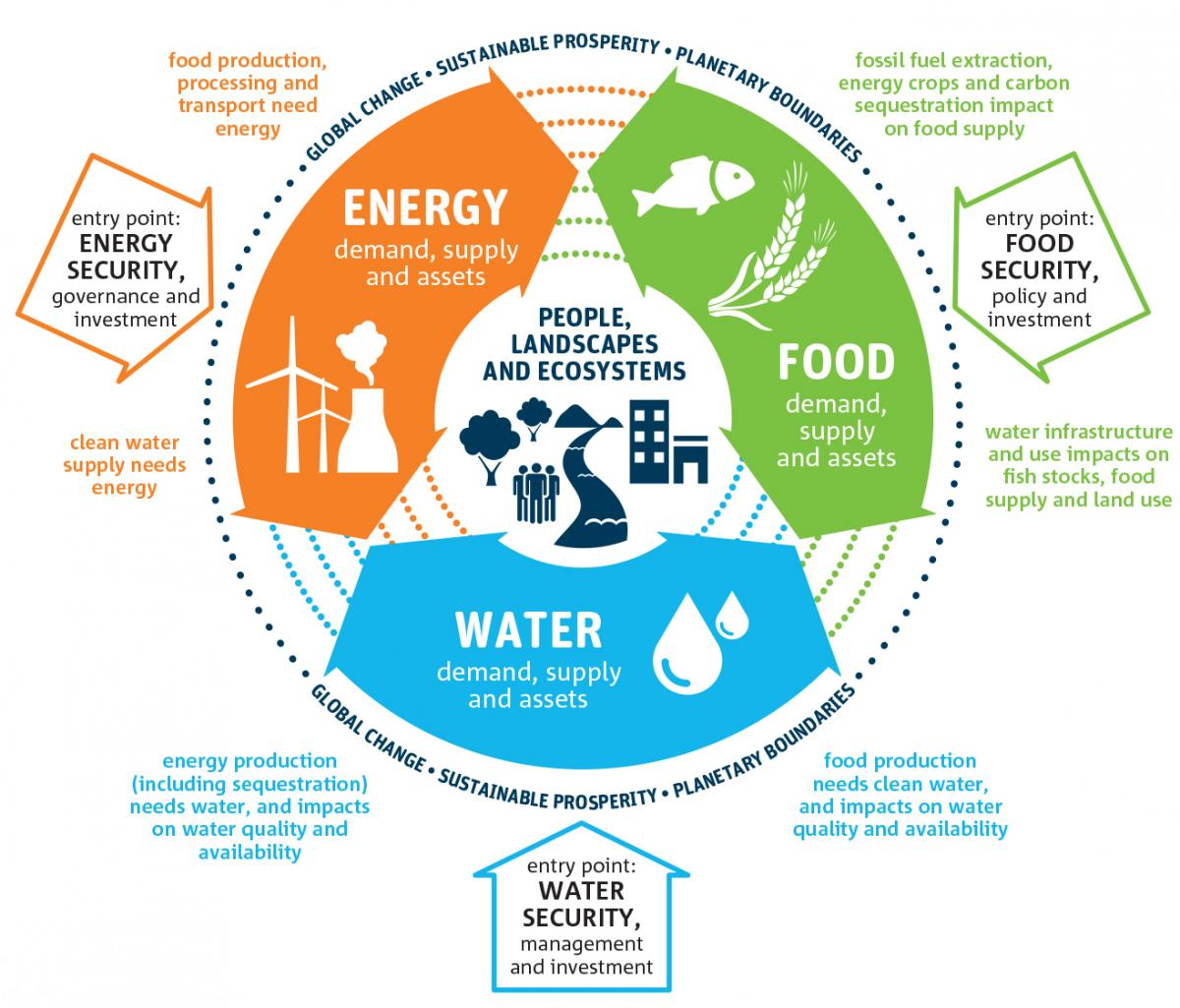
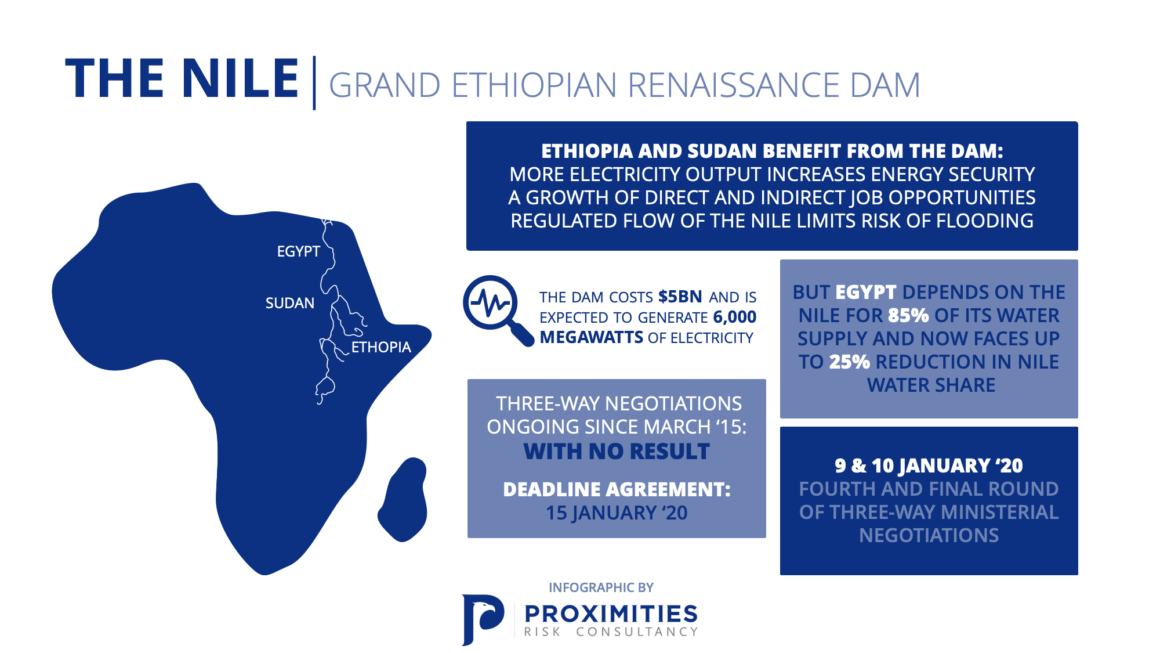
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| **Part 3 – The Food Energy Water Nexus** |



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| **Watch** | **Read** | **Listen** |
| [**www.youtube.com/watch?v=CKW\_ux2Xo\_w**](http://www.youtube.com/watch?v=CKW_ux2Xo_w) | [**www.unwater.org/water-facts/water-food-and-energy/**](https://www.unwater.org/water-facts/water-food-and-energy/) | [**https://www.bbc.co.uk/sounds/play/p02kbhq0**](https://www.bbc.co.uk/sounds/play/p02kbhq0)  **First 14 minutes** |

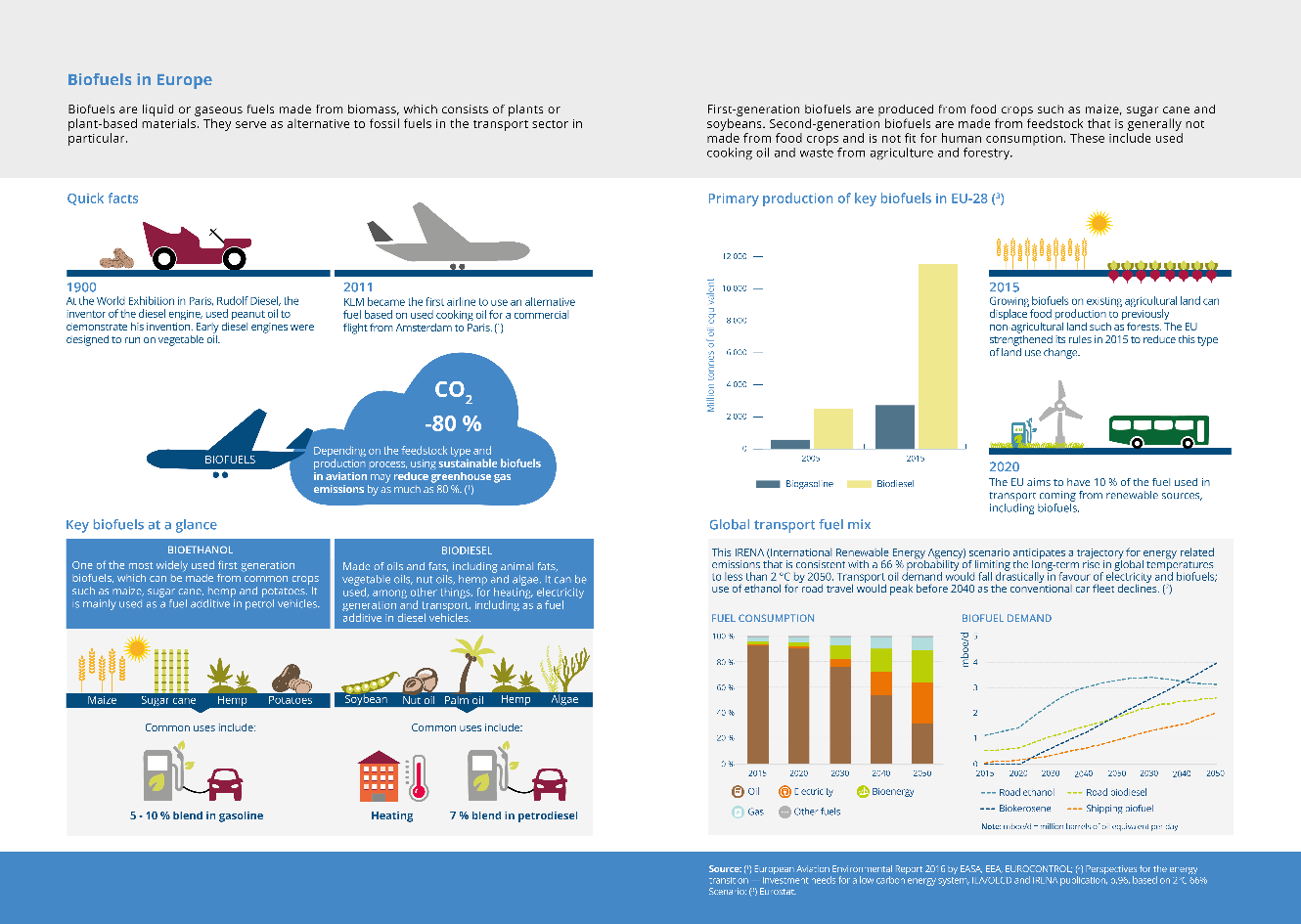
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| Why do you think is it important to have a Nexus approach (interconnections) rather than view food, energy & water as individual ‘problems to be considered and solved?’ |
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| Carry out some research into the Gran Ethiopian Renaissance Dam. |
| Explain how the project demonstrates Nexus links. Additionally, explain how the project has resulted in global interactions occurring. |
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| Using the infographic above, identify one positive environmental effect the G.E.R.D will bring. |
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| Carry out some research into biofuel production and so-called land grabs. [This link](https://www.theguardian.com/environment/2014/jun/27/land-grabbing-food-biofuels-crops) is a good starting point followed by the issues that this places on water supply in [this article](https://www.theguardian.com/sustainable-business/2015/may/28/switching-to-biofuels-would-place-unsustainable-demands-on-water-use). |
| Explain how the biofuel (Energy) production can have detrimental impacts on Food & Water supplies. |
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**Inspect the graphic above more closely –** [**click here**](https://www.eea.europa.eu/signals/signals-2017/infographics/biofuels-in-europe/image/image_view_fullscreen)**.**

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| According to the fuel consumption chart, which form of energy will have the most significant impact on the reduction of oil power by 2050? |
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| **Collaboration Time - Key Questions for Investigation**  Working with a partner, each choose a different task (see below) and create a micro presentation to give to them with your response.  You could also work in groups of three. |
| * **Question**: To what extent are HICs mostly responsible for the negative effects experienced by those in LICs? * **Question**: How can we reverse the effects of water-food-energy insecurities? * **Creative Task** – Carefully choose two items from your house. Photograph them and then upload it to a Word document. Annotate around the photo the Nexus connections / implications involved in its manufacture. |

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| Identify the SDG”s below that are most impacted by the Food, Energy, Water Nexus. |

