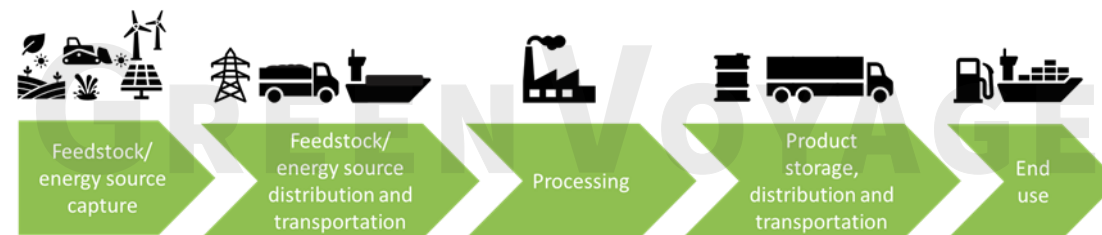


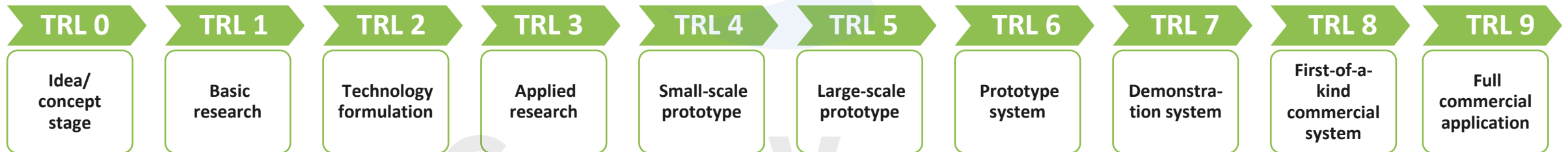
KEY CONCEPTS

3. WHOLE VALUE CHAIN



Key concept: Technology readiness level (TRL)

- Technology readiness levels are used to describe the **stage of development of a piece of technology**.
- They are measured on a scale from 0 – 9, as set out below.



Key concept: Lifecycle perspective

- In our assessment of alternative fuel options, we need to look beyond an end-user perspective and consider the ‘whole picture’ from before production to after it’s been used.
- This provides a **lifecycle perspective**, and it allows us to account for impacts that would otherwise be missed.
- In the context of marine fuels, there are common terms that are used to describe key sections of a fuel’s lifecycle:
 - Well-to-tank
 - Tank-to-wake
 - Well-to-wake

GREEN VOYAGE
2050



Key concept: Lifecycle thinking (greenhouse gas emissions)

