

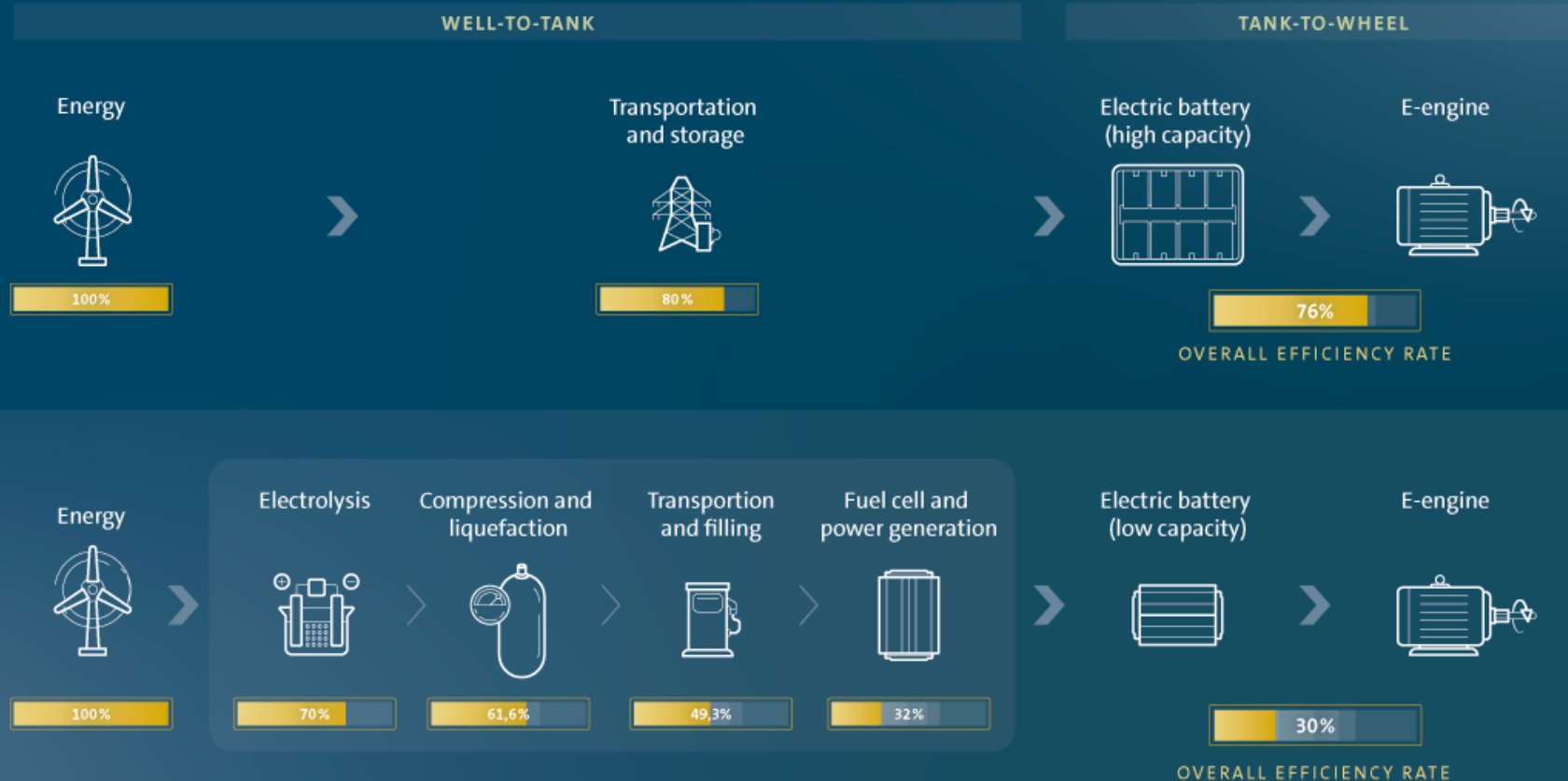
Hydrogen versus Electric Vehicle



Hydrogen versus Electric Vehicle

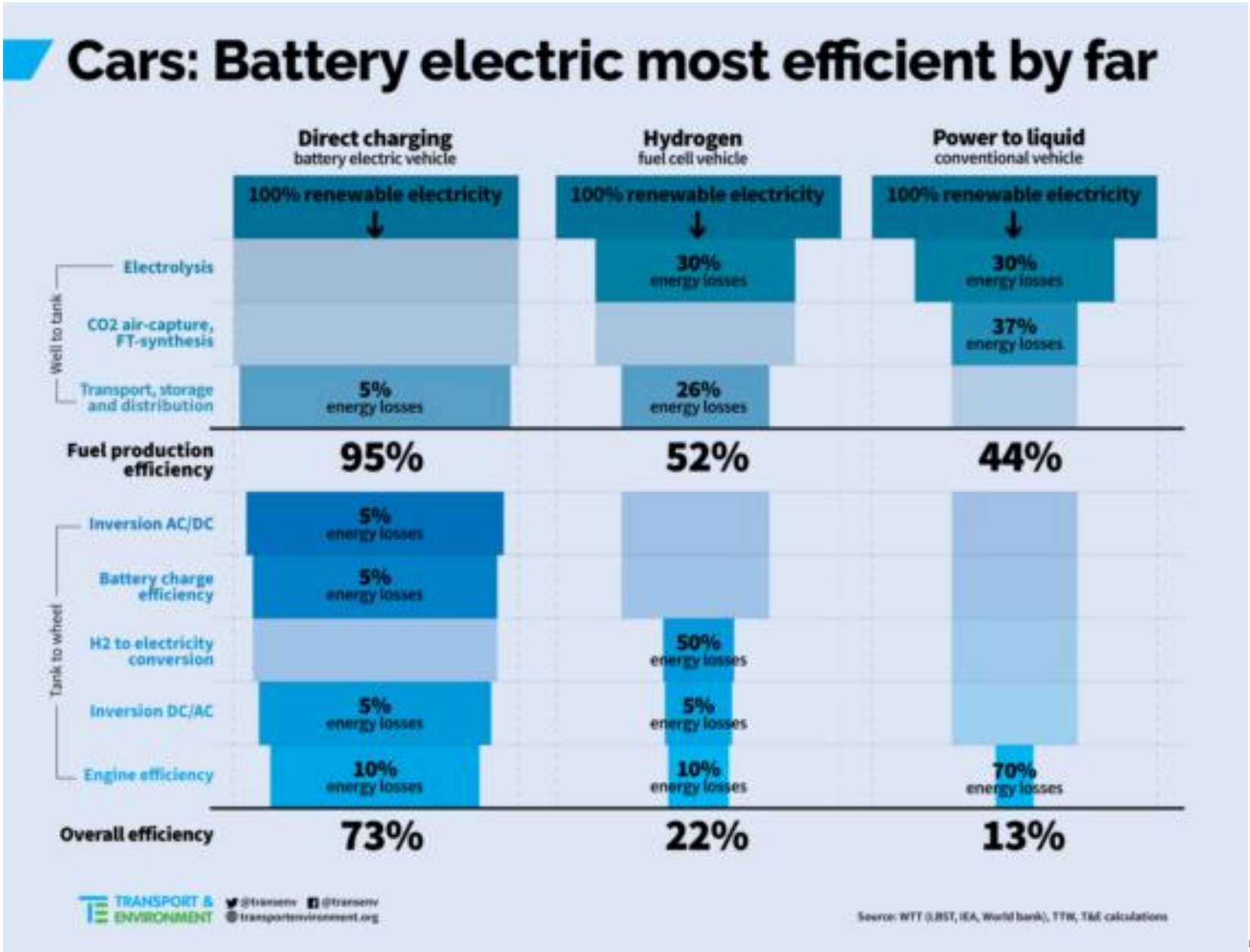
HYDROGEN AND ELECTRIC DRIVE

Efficiency rates in comparison using eco-friendly energy



Source: C3

Hydrogen versus Electric Vehicle



Hydrogen versus Electric Vehicle

POWERING AN ELECTRIC VEHICLE WITH NIKOLA HYDROGEN

H₂

- ✓ STABLE ENERGY LOSSES
- ✓ EFFICIENT - NO TRANSPORTATION
- ✓ ZERO EMISSIONS



1. ON-SITE ENERGY GENERATION



2. ON-SITE ELECTROLYSIS



3. ON-SITE STORAGE



4. ELECTRIC VEHICLE

VS

POWERING AN ELECTRIC VEHICLE THROUGH THE GRID



- ✗ ENERGY LOSSES
- ✗ LESS EFFICIENT FROM WELL TO WHEEL
- ✗ MORE POLLUTION



1A. OIL WELL

1B. NATURAL GAS WELL



2. TRANSPORT



3. OIL REFINERY



4. TRANSPORT

POWERING AN ELECTRIC VEHICLE WITH NIKOLA HYDROGEN

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1A. OIL WELL

1B. NATURAL GAS WELL



2. TRANSPORT



3. OIL REFINERY



4. TRANSPORT



5. POWER PLANT



6. TRANSMISSION LINES

10-40% SOLAR PANELS



7. ELECTRIC VEHICLE

Hydrogen versus Electric Vehicle



Hydrogen versus Electric Vehicle (Nikola)

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H₂

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1. ON-SITE ENERGY GENERATION



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4. ELECTRIC VEHICLE

VS

POWERING AN ELECTRIC VEHICLE THROUGH THE GRID



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1A. OIL WELL

1B. NATURAL GAS WELL



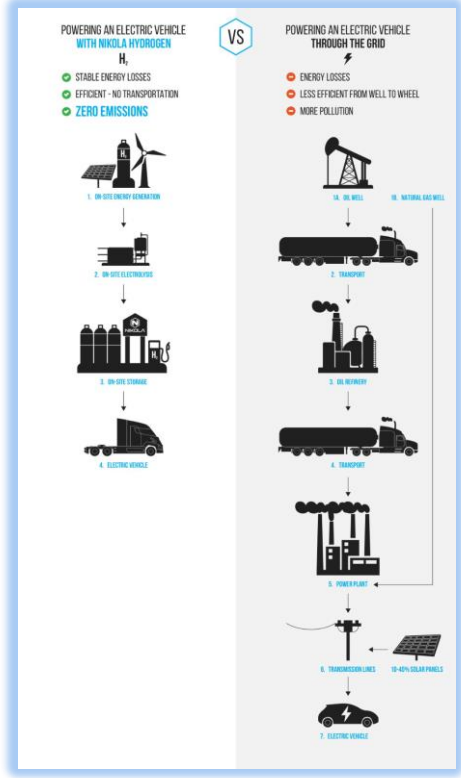
2. TRANSPORT



3. OIL REFINERY



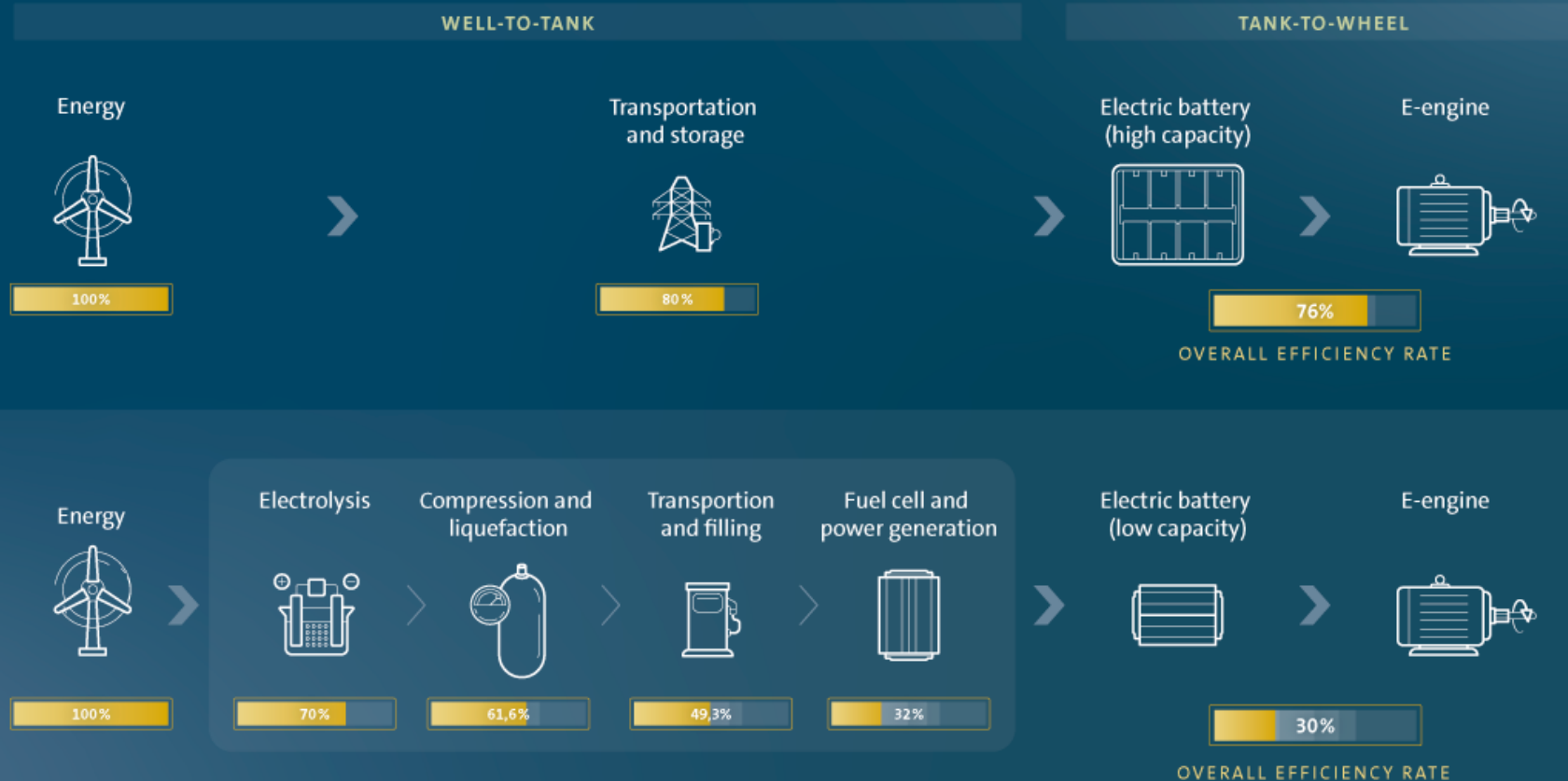
4. TRANSPORT



Hydrogen versus Electric Vehicle (other sources)

HYDROGEN AND ELECTRIC DRIVE

Efficiency rates in comparison using eco-friendly energy



Source: C3

Hydrogen versus Electric Vehicle (other sources)

