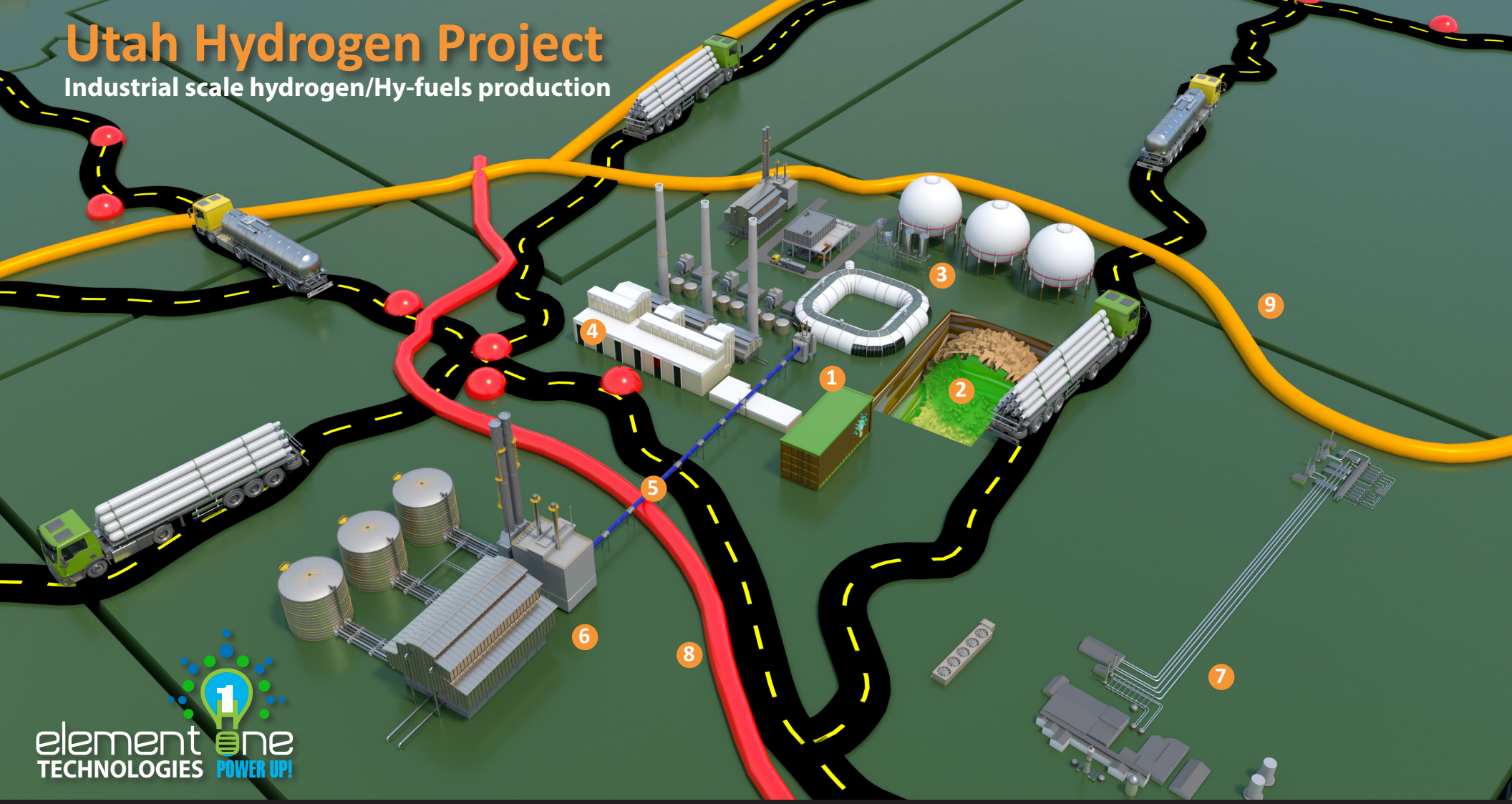
Utah Hydrogen Project

Industrial scale hydrogen/Hy-fuels production



element one TECHNOLOGIES POWER UP!

1 Utah Hydrogen Project

- SMR, Electrolysis, Liquefaction, PtX, CCU
- 80,000 kilos hydrogen per day
- 24/7/365
- Water, gas, and coal supply

2 Hydrogen Reservoir

- 13 billion cubic feet
- 30.7 million kilos H2
- Largest H2 storage in the world
- Grid balancing for 1,000,000 MWh

3 H2 Liquefaction/Compression/Storage

- Trucks will deliver liquid and compressed H2
- Phase one: 80,000 kilos H2 per day

4 Hunter Power Plant

Starting with 200 MW of power, more is available as EOT expands.

5 IPP Hydrogen Pipeline

Approx. 70 miles of new pipeline could deliver IPP's 80,000 kilo per day hydrogen requirement

6 850 MW 70/30 IPP Power Plant

(Under construction)

7 Geothermal to Hydrogen

50MW = 24,000 kilos/per day

8 Kern River Pipeline

With a new 70 mile pipeline, EOT can connect to Kerns River Pipeline for California delivery

9 Existing Pipeline

Oregon, Washington, Idaho, Colorado, Utah

© Element One Technologies. This graphic can be shared under the fair use doctrine.