

# Input document 1: Code Scope – descriptions

Definitions	Comments
<p><b>Production</b></p> <p>A hydrogen production facility project will include the production and storage of hydrogen, conversion into the form utilised for transport, and the transport of the final product to end users, for example:</p> <ol style="list-style-type: none"><li>1. Construction of a green or blue hydrogen production facility including planning approvals and the elements of detailed environmental assessments such as impacts on local community, potential hazards and risks, impacts on biodiversity, water (supply and use), quality and quantity, waste water, stormwater management, erosion and sedimentation), waste generation and disposal, noise impacts, air quality impacts, traffic impacts.</li><li>2. Production of hydrogen (onshore and offshore), including equipment and handling approvals, environmental operating licences, major hazard facility licenses, pipeline licenses, water licenses, including WHS and skills/qualifications standards for these items.</li><li>3. Transport of Hydrogen to its end user via Rail, Road, Pipeline and Sea.</li></ol> <p>This code will include the safety and technical regulation of Hydrogen Appliances, Plant and Equipment used in connection with:</p> <ol style="list-style-type: none"><li>1. Green/Blue hydrogen production</li><li>2. Conversion of hydrogen (compression, liquefaction, metal hydride and ammonia production)</li><li>3. Storage of hydrogen or derivatives</li><li>4. End use, such as industrial heating, energy generation</li></ol>	
<p><b>Refuelling</b></p> <p>A hydrogen refuelling project will include the transport and storage and dispensing of Hydrogen for the purposes of building a comprehensive transport network of refuelling stations, for example:</p> <ol style="list-style-type: none"><li>1. Transport of fuel to stations, including pipeline construction (greenfields), pipeline licencing (or authorisations) and road transport on tube trailer</li><li>2. Planning and Environment for refuelling facility</li><li>3. Bunkering (storage facility)</li><li>4. Hydrogen fuel cell bowser or dispensing equipment</li><li>5. Fuel quality standards, weights and measures standards</li></ol> <p>This code will include the safety and technical regulation of Hydrogen Appliances, Plant and Equipment used in connection with:</p> <ol style="list-style-type: none"><li>1. refuelling</li><li>2. Conversion of hydrogen (compression, liquefaction)</li><li>3. Storage of hydrogen or derivatives</li><li>4. Fuel quality, weights and measures</li></ol>	