

The EWE logo is rendered in a bold, italicized, yellow sans-serif font. The background of the slide is dark gray with several large, semi-transparent light gray circles of varying sizes. One large circle is on the left, another is in the top right corner, and a smaller one is in the bottom right.

EWE

Clean Hydrogen Coastline

H2S-Huntorf

IPCEI Hydrogen Insights - 03H2I043C
Hayo Seeba

Energy storage. Innovative. Market-oriented.

EWE GASSPEICHER GmbH

- 2 billion cubic metres of working gas
- 37 salt caverns
- Up to 2,000 m below ground
- More than 40 years of experience

This makes us one of the major storage operators in the European natural gas market..

EWE Region as a Key Pillar of a Hydrogen Economy

The EWE IPCEI Projects

**CHC Elektrolyse
Ostfriesland**

**CHC Speicher
Huntorf**

**CHC Pipeline
Infrastruktur Nord West**

Offshore / Import

Hamburg

Oldenburg

Bremen

Hannover

CHC Storage Huntorf

EWE

Milestones achieved

- Flooding of K1 and first successful tightness test with hydrogen
- Approval of the general operating plan
- Detail-Engineering completed
- Procurement completed
- Construction started

Next Steps

- Retrofit of the cavern borehole
- Civil construction and structural works

Current Challenges

- Uncertainty regarding the development of grid pressure
- Ongoing discussions about grid gas quality

From 2028 EWE will store
**≈ 70 GWh
of hydrogen.**



Finanziert von der
Europäischen Union
NextGenerationEU

Gefördert durch:



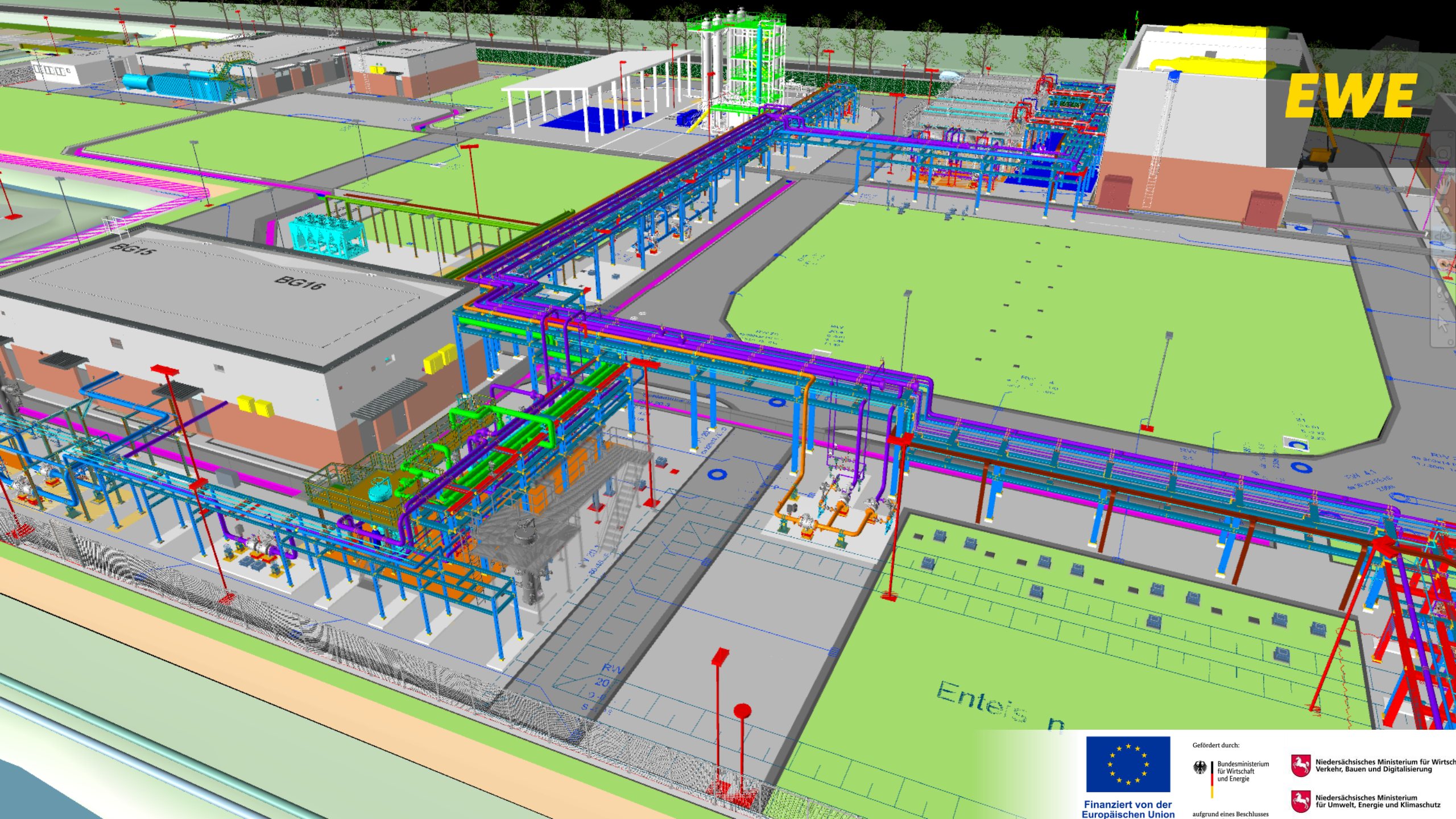
aufgrund eines Beschlusses
des Deutschen Bundestages



Niedersächsisches Ministerium für Wirtschaft,
Verkehr, Bauen und Digitalisierung



Niedersächsisches Ministerium
für Umwelt, Energie und Klimaschutz



EWE



Finanziert von der
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Bundesministerium
für Wirtschaft
und Energie

aufgrund eines Beschlusses



Niedersächsisches Ministerium für
Wirtschaft, Verkehr, Bauen und Digitalisierung



Niedersächsisches Ministerium
für Umwelt, Energie und Klimaschutz

Current status of the construction site

EWE



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Thanks

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