

## About this organisation

Hexagon xperion is a German subsidiary of the Norwegian listed company Hexagon Composites ASA. We are specialized in the development, production and distribution of lightweight composite high-pressure tanks and systems (Type 4) for the storage and transportation of compressed gases - in particular natural gas, hydrogen and biomethane - for light-duty and heavy-duty vehicles, gas distribution, ground storage, backup power, marine and rail.

Through our specialized and state-of-the-art manufacturing methods, our lightweight composite high-pressure tanks are able to store gases up to a pressure of 900 bar. We ensure that our proficiently qualified employees conduct their work according to the highest quality standards at our production sites in Germany, Norway and the United States. With our DIN ISO/TS 16949:2009 certification acquired in 2015, we meet all the quality management system requirements of the international automotive industry.

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[www.hexagonxperion.com](http://www.hexagonxperion.com)



**HEXAGON**

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**Organisation type**  
Small or medium-sized enterprise

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**Sectors**  
 

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**Employees**  
50 up to 249

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**Turnover**  
€10m - €50m

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**Funding**  
n/a

**Main areas covered** Composite high-pressure tanks, Composite high-pressure systems, compressed gases (CNG, H2, biogas), gas distribution

### Infrastructure

**Certifications** ISO 9001:2008, ISO TS 16949:2009

**Keywords** Type 4, High-pressure tanks, compressed hydrogen, lightweight design, compressed natural gas

### Memberships

## Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Systems and end products	✓	✓	✓
<i>Services &amp; consulting</i>			
<b>Field of technology</b>			
<i>Design &amp; layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction &amp; automation</i>			
<i>Recycling technologies</i>			
<b>Manufacturing process</b>			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<b>Fibre composite technology</b> Filament winding	✓	✓	✓
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
<b>Material</b>			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<b>Composites</b> Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP)			✓
<i>Fibres</i>			
<i>Functional materials</i>			
<i>Metals</i>			
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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