



# **HYEN GmbH**

## **Corporate Profile**

**HYEN GmbH**

Addressing environment and sustainability.

The green future starts today. We already live that future.



# Prologue

The technologies for a green and sustainable future need to be available today

Our social goal of sustainably changing our planet by protecting and making better use of our resources requires a lot of effort and a lot of creativity. To achieve these goals, to build a better and more sustainable future, we need to develop sustainable technologies.

## Green Hydrogen - Why?



Addressing Environment  
and Sustainability

Hydrogen is the most abundant resource available in the universe, although on earth it is mostly incorporated into our water.

Using regenerative energy as an energy source for the electrolysis process, water can be split into hydrogen and oxygen while minimizing emissions to obtain it.

Using this highly volatile gas is extremely efficient, sustainable and clean like no other fuel. Therefore, hydrogen is more suitable than any other element as an energy source for a sustainable future.

# HYEN GmbH

## Team



A company is only as good as the management that leads it. The creation of the management team for HYEN had to be balanced enough for a number of challenges related to the tasks and duties that came with it. Below is a brief summary of who holds the roles of the board of directors:

### Andreas Schneider, LL.M. MBA, CEO

Since the beginning of his career as a serial entrepreneur, Mr. Schneider has gained a lot of experience as part of the management team in private equity, Venture Capital and Asset Management companies in Switzerland and Great Britain. He is not only the founder and CEO of HYEN, but also a successful entrepreneur in the real estate sector.

### Mag. Wolfgang Hoch, CFO

After developing the CEE business units of several retail brands as well as Managing Director of a Red Bull group company, Mr. Hoch founded a strategic consulting firm which is now integrated into a multi-destination partnership. He is not only the CFO of the HYEN group, but runs a successful Multi Family Office and a real estate investment company at the same time.

### Dr. Simone Morassut, MScs, CSO

A former Army Officer, he has gained extensive international experience over the years in various roles. This experience is now assisting the chief executive officer (CEO) in developing, communicating, executing and supporting strategic business initiatives to identify and execute growth opportunities. Evaluating market forecasts and long-term trends, gathering competitive intelligence and guiding cross-functional business processes will ensure that HYEN is always one step ahead of the market.

# HYEN GmbH

## Group of Companies



With the realization of the first industrial production plant of green hydrogen in Austria, HYEN Green Hydrogen GmbH, subsidiary of HYEN GmbH, is going to be the first single-purpose-producer of this sustainable resource.

Until now, only industrial companies have assumed the prevailing technical risks associated with the production of green hydrogen and only in pilot projects. HYEN has and will forever change this market.

By providing the necessary know-how and sufficient resources, it was already possible to lower the operating costs of green hydrogen production to a level that makes it competitive with the cost structures of any other industrial producer on the market.

We like to point out at this time that it has been our success to achieve this without the use of public funds, grants or subsidies.

Therefore, our business model can be seen as even more competitive and the sustainability of our economics is as reliable as our product in designing a green future.

With a ten-year planned electrolysis plant lifecycle and pre-sold production to our industry partners, we are able to predefine our economic success today.

The contractually guaranteed turnover and the planned and covered costs allow us to foresee a guaranteed income in the next ten years. This is stabilizing cash flows and defining the economic values of our corporation by means of even classical economic standards.

HYEN GmbH as a holding company thus guarantees the financing and prosperity of the group of companies through long-term diversification.



# HYEN GmbH

Group of Companies



## HYEN GmbH

The HYEN Group of Companies includes several business units in different industry sectors.

The tasks of a sustainable and renewable economy are different. The HYEN group of companies addresses these tasks in different ways and actually in three different business units.

A first preview and a brief summary can be found on this page.

1

### MENSURA

Testing and measurement of different types of motors in our test center

2

### ENGINES

Development and advancement of efficient engines.

3

### GREEN ENERGY

Producing green hydrogen via electrolysis.



### Mensura

Success must be measured. So have to be machines and engines.



### Engines

Before daily use, efficiency and sustainability must be developed.

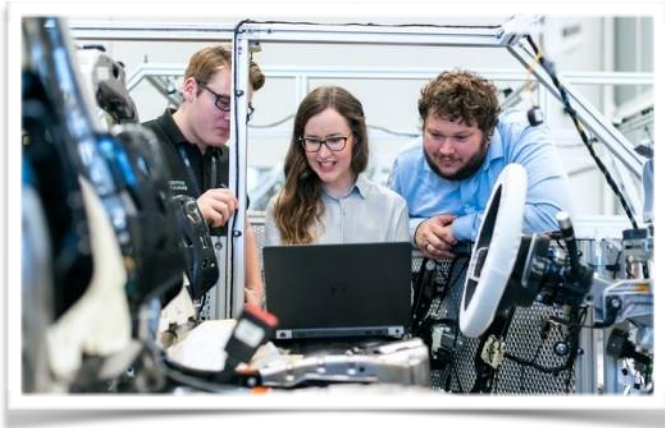


### Green Energy

The fuel of the future must be sustainably produced.

# HYEN Mensura GmbH

## Subsidiary



**HYEN Mensura GmbH operates an engine testing center for different types of engines. As the first known test center in Austria, it also offers the possibility to operate and test hydrogen-powered combustion engines.**

Indispensable for the research and development of HYEN's own projects, HYEN Mensura GmbH also offers its services to trade and industry. Therefore, HYEN Mensura GmbH invests in the acquisition and construction of three motor test batteries for parallel operation.

As a result, a unique, self-developed system for using the waste heat resulting from the operations will recover and use the energy otherwise lost to supply it to the local industrial zone.

Providing the test battery with green hydrogen, for example as a fuel source for fuel cells that drive electric motors, is another special feature of the systems.

Renting the equipment to partners in trade and industry guarantees revenue and a relatively quick break-even point of investments.

For the detailed business plan, consult the respective documents. Below you will find a brief summary and key figures:

### TOTAL INVESTMENTS

711.000 EUR

### EBITDA

248.000 EUR

### EBITDA MARGIN

70%



### Mensura

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### Engines

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# HYEN Engines GmbH

## Subsidiary



**HYEN Engines GmbH** develops motors, gears and propulsion solutions. The designated goal is to achieve the production readiness of a combustion engine with a primary fuel source of hydrogen and a hybrid solution that combines a combustion and an electric motor in one system.

Based on a previous development by our chief engineer, an engine running on liquefied petrol gas, HYEN plans to develop the components necessary to adapt existing systems and, of course, the production of these components, to achieve the efficient incineration of hydrogen in a combustion engine.

The combination of a combustion engine and an electric motor in a so-called hybrid engine is not entirely new. However, the use of hydrogen as an energy source for both parts of a hybrid system, a fuel cell that produces electricity for an electric motor in combination with a combustion engine that is also powered by hydrogen, is.

The advantages are obvious: lower fuel capacity and weight and therefore reduced volume while improving energy efficiency. This is the future of mobility.

For the detailed business plan, consult the respective documents. Below you will find a brief summary and key figures:

Total Investments  
(to production  
readiness)

2.650.000 EUR

Price Potential  
(EBITDA / Piece)

200 EUR / Piece

Market Depth 2020  
(China, USA, EU, JAP)

48.400.000 cars p.a.



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# HYEN Green Energy GmbH

## Subsidiary



**HYEN Green Energy GmbH is Austria's first single-purpose producer of green hydrogen. By supplying industries with this sustainable, zero-emission product for various uses and industrial processes, we are contributing to the development of the necessary technology and infrastructure of the future.**

Due to the sale of our manufacturing capabilities by contract already before starting operations, we supply the industries with our productions and this results in our structure's schedulable operations and constant income that meets the requirements of our business plan.

The electrolysis process, used in our production plant, is neutral on greenhouse gas emissions and is based on over a century of history and experience. Know-how and sufficient resources ensure further business success.

Without the use of public funds, such as grants and subsidies, HYEN Green Energy GmbH is able to achieve a competitive cost structure and thus competitive sales prices. This is how we meet market needs and how we resist long-term price pressures. The foreseeable cash flow contributes to the financing of the group of companies and ensures the anticipated investments in sustainable future technologies.

For the detailed business plan, please consult the respective documents. You will find though a brief summary and key figures below:

Total Investments

2.922.000 EUR

EBITDA

831.000 EUR

EBITDA Margin

33%



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### Engines

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### Green Energy

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