

Sustainable





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Chief Operating Officer a.hak Pipelines & Facilities.

Civil Engineering degree, University College Cork, Ireland.


30 years experience in upstream, downstream, pharma and infrastructure.

Previously worked with Aecom, Jacobs, and Aker.

Background in Engineering, Project Management and Corporate roles.

Lived and worked in Far East, Middle East and Europe.

Now living in The Hague with wife and two children.

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- A photograph of two construction workers in safety gear. One worker in the foreground wears a green hard hat with 'EISENCON' and 'TOOLBOX AANKOMST' written on it, and a brown jacket. The other worker in the background wears a yellow high-visibility jacket and safety glasses. They are looking at a large pipe on a construction site.
- ▶ Family-owned Dutch company established in 1963.
 - ▶ Global track-record in the construction of underground pipelines and infrastructure
 - ▶ Over 1200 highly-skilled, specialized personnel

Introduction

Locations

Netherlands, Belgium, UK, Germany, Poland, Italy, Albania, Saudi Arabia.



- ▶ Netherlands
- ▶ Belgium
- ▶ UK
- ▶ Germany
- ▶ Poland
- ▶ Italy
- ▶ Albanië
- ▶ Saudi Arabia

Introduction

- ▶ Large fleet of own, and in some cases unique, equipment.
- ▶ Technical expertise in welding, dewatering, horizontal directional drilling, direct pipe.
- ▶ Extensive past project list covering: oil, gas, water and increasingly cable, district heating, and new energy.
- ▶ Motto “*Getting the job done.*”



NEN 3650 – The National perspective

- ▶ Governs high standard of safety, quality, integrity and reliability.
- ▶ Creates a level playing-field.
- ▶ Known by everybody in the business.
- ▶ Workable standard reducing project risks.
- ▶ A trusted brand.

The International perspective

- ▶ Not just domestic.
- ▶ NEN is an internationally recognised set of standards
 - ▶ Viewed as equivalent to BS, DIN, ASME
- ▶ NEN 3650 adopted in other countries.
 - ▶ a.hak recent experience with a direct pipe project in Israel
- ▶ Knowing and working with NEN 3650 helps internationally
 - ▶ To qualify relatively easily.
 - ▶ In less developed countries, to support upgrade of safety and quality.
 - ▶ Reduce project risks as we deal with familiar requirements
 - ▶ To promote export of Dutch skills and products
- ▶ Key: the Integrity and Quality assured by NEN is saleable.

Future Perspective

- ▶ Our economy and society is evolving.
- ▶ For example, move to New Energy
- ▶ However, destination is not 100% clear. It needs to be developed.
- ▶ Example, standardization of District Heating is growing, but Hydrogen is less developed.
- ▶ Create and use the right set of standards, ensuring new industry companies have the right integrity and reliability.
- ▶ Risk that new standards are over-prescribed impacting investment case.
- ▶ Having the right standards creates a positive export basis for dutch companies.
- ▶ This is a critical time to foster the growth of New Energy business.

Final Thoughts

- ▶ NEN should be seen as part of the “BV The Netherlands brand”
- ▶ Does NEN support the international growth of Dutch Contractors and Manufacturers?
- ▶ Is NEN Future-ready?
- ▶ Should NEN standards for New Energy be prescriptive or instead supportive of development?



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