

Job description: Development Engineer (China)



Job title: Development Engineer (China)

Reporting line: R&D Manager

Location: China (Shenzhen)

Mission:

The position reports to the Research and Development Manager of STOR-H Technologies SA.

The Development Engineer (China) will be tasked with supporting the operational roll-out of STOR-H and DeNOx'one in China. He/she will manage, monitor and maintain all deployment activities in place until the project is completed.

The Development Engineer (China) defines and carries out an action plan for research and development work with entities in transport, energy, distribution and depollution, such as car and heavy goods vehicle manufacturers, OEMs, potential technology licensees and users in China.

The mission is to structure and support the business development of a new international energy consumption offering with customers, B2B, B2G (B to Government) and B2C. He/she provides the design/specifications brief in accordance with with local needs. To carry out and assume responsibility for regulatory, technological and competitive monitoring in China, on the topics of automotive emissions control and hydrogen.

This position is full-time and is based in China with travel to Europe (Switzerland, France)

Key responsibilities:

There are two AAQIUS projects in China:

- SCR depollution by NH₃ gas injection based on proprietary AAQIUS/DeNOx'one technology
- Zero-carbon transport based on AAQIUS' STOR-H proprietary technology.

DeNOx'one Project:

- Identifying, negotiating and monitoring agreements with ecosystem entities such as Chinese and international OEMs that can incorporate SCR technologies into their product range within the framework of China VI
- Construction and drafting of solid SCR system specifications for solid SCR applications for Chinese diesel vehicle applications.
- Identification, negotiation of agreements and monitoring with partners such as Tier1 OEMs capable of developing, industrialising and marketing the solid SCR system based on DeNOx'one technology.
- Identification, negotiation of agreements and monitoring with key partners of the DeNOx'one ecosystem, cartridge filling, cartridge distribution, logistics.
- Take responsibility for the logistics and relational organisation of DeNOx'one dedicated trips to China for the AAQIUS management team.

STOR-H Project:

- Identification, negotiation of agreements and monitoring of OEMs < 1 tonne, amenable to integrating STOR-H technology in their product range.
- Construction of STOR-H specifications and their implementation for Chinese vehicle applications.
- Identification, negotiation of agreements and monitoring of Tier1 OEMs amenable to developing, industrialising and marketing the STOR-H + PAC (fuel cell) system.
- Identification, negotiation of agreements and monitoring of partners, especially in the world of renewable energies, amenable to developing and industrialising the up-front ecosystem of STOR-H transport (renewable electricity generation, hydrogen production using electrolyzers, STOR-H cartridge packaging).
- Identification and monitoring of key partners in the STOR-H ecosystem, cartridge filling, cartridge distribution, logistics, specifically existing AAQIUS partners.
- Take responsibility for the organisation of logistics and relationships during the dedicated trips of the AAQIUS management teams for STOR-H in China.

Set up and carry out regular reporting on the business for the management and teams located in Paris.

Requirements for the position:

Innovative, self-starter, you are able to manage several projects at the same time, you enjoy teamwork and demonstrate responsiveness and autonomy.

- Have an in-depth knowledge of the technologies involved in the hydrogen and depollution sectors
- Dedication and good resistance to stress because projects are often subject to pressures (financial, deadlines), dynamic and innovative.
- Master integration difficulties and be able to present key elements to suppliers and partners
- Formulate proposals on the materials, accessories, technical processes envisaged
- Formalise the leaflets/product sheets/new collection or new concept
- Formalise the specifications in tenders, design briefs, or purchase orders
- Propose, plan and evaluate research and development trials and projects
- Negotiate technical collaborations
- Assess the potential of new materials and processes
- Define methods, means of study and design and their implementation
- Strong analytical, synthesis and project management skills
- Ability to develop creative ideas and deploy them into concrete deliverables
- Track performance indicators and offer corrective action if necessary
- Pro-active in detecting and assessing problems that may disrupt the smooth running of the project
- Manage and optimise assets and resources
- Ensure compliance with quality standards
- Autonomous, thorough, methodical and organised
- Write documents, letters, notes or technical reports for recipients within or outside the company
- Geographic mobility
- Ability to adapt to a changing environment
- Perfect written and oral communication
- French: Advanced professional competence
- Fluent English essential
- Fluent Mandarin essential

Application: Send CV & Covering Letter to cmaaqui@gmail.com