**Snam – Israel Innovation Authority R&D and Pilot Program**

The *Israel Innovation Authority* (IIA) and *Snam S.p.A.,* (Snam) invite interested Israeli companies to submit applications to develop and pilot innovative hydrogen technologies with Snam.

Snam and the IIA are working together to help Israeli companies get the evidence and assistance they need to improve their development and to enter and be successful in the global market.

Snam would serve as a development partner for the Israeli companies, where its experts would work with Israeli companies to develop, test and improve new and existing processes, services, or products.

The **IIA** provides resources to aid technology advancement for Israeli companies.

Snam is one of the world’s leading energy infrastructure operators and one of the largest Italian listed companies in terms of market capitalization. Through its international subsidiaries, it operates in Albania (AGSCo), Austria ([TAG](http://www.taggmbh.at/), [GCA](http://www.gasconnect.at/)), China (Snam Gas & Energy Services Beijing), France ([Teréga](https://www.terega.fr/%22%20%5Ct%20%22_blank)), Greece ([DESFA](http://www.desfa.gr/)), United Kingdom ([Interconnector UK](http://www.interconnector.com/)). In June 2020 Snam, in consortium with some of the most important international investment funds, has reached an agreement with The Abu Dhabi National Oil Company (ADNOC) for an investment in the energy infrastructure of the UAE.

The company’s sustainable and technologically advanced network guarantees the security of supply and promotes development in the areas in which it operates, while also contributes to promoting the energy transition.

As part of a €6.5 billion plan to 2023, Snam invests €1.4 bn in the SnamTec project, focused on innovation and new energy transition businesses.

Snam also aims to enable and promote the development of hydrogen to encourage the decarbonisation of the energy sector and industry. In 2019, it has been one of the first companies worldwide to experiment with hydrogen blending (up to 10%) in a gas transmission network.

Snam’s business model is based on sustainable growth, transparency, the promotion of talent and diversity and the social development of regions through the initiatives of Fondazione Snam.

**Snam is interested in working with Israeli companies on hydrogen innovation**:

* End-Use
	+ Hydrogen refueling stations *(trains, bus, trucks)*
	+ Technologies for power generation (baseload & backup applications e.g. fuel cells, etc.)
* Production
	+ Innovative hydrogen production technologies *(direct solar water splitting, production from bacteria, waste, etc.)*
	+ Innovative solutions for producing green hydrogen from renewable energies *(electrolysis, etc.)*
* Storage & Transport
	+ Storage *(physical-based e.g. tanks, material-based, metal hydrides)*
	+ Compression - Liquefaction innovative technologies
	+ Liquid Organic Hydrogen Carrier

**Supported activities** may include any R&D activities, such as: developing, piloting, testing (of different kinds; including in real-world conditions), validation, trials, performance verification, device iteration, product and interface customization, pre-pilot activities, identifying the parameters of the product/technology and potential use cases, optimizing user interfaces, etc.

**What support do the IIA and Snam offer?**

Successful Israeli applicant companies will receive funding from the IIA and in-kind services from Snam.

*The IIA* can support R&D performing companies, registered and operating in Israel, with a grant of up to 50% of the approved R&D Expenses Budget, according to its regulations and procedures.

When a project eventually results in sales of a product, service, or process, the financial support must be repaid in royalties to the IIA according to its regulations. In general, royalties are paid at rates beginning at 3% of sales, depending on various criteria. Royalties are payable until 100% of the amount of the grant has been repaid with interest as provided in the applicable regulations. If the project does not result in sales, no repayment is required.

*Snam* will provide in-kind services, expertise, and/or use of facilities. Examples for such in-kind support can include:

* Usage of unique facilities for beta-sites operations;
* Access to unique data, datasets, engines, devices, skills;
* Usage of internal services, expertise, knowledge, or equipment;
* Experts' and consultants' time to guide, co-develop and, identify the parameters of the product/technology for testing or potential use cases;
* Assistance in co-commercializing the product; for example, through joint work with relevant local business partners (companies, investors, distributors, etc.) that are part of the Snam network;
* Assistance in scaling-up production.

Snam would fund its in-kind assistance for the project and make it accessible through an applicable agreement with the selected Israeli companies. If according to the arrangement the Israeli company needs to pay Snam, this cost could not be funded by the IIA.

An appropriate agreement between successful applicant companies and Snam will need to be signed before project initiation.

**Application Process**

Interested Israeli companies must send a project proposal and the company’s profile/deck to Snam and the IIA by email to the contacts below.

Snam will contact the relevant companies and invite the suitable one to submit a full application to the IIA according to the incentive program [R&D with MNCs](https://innovationisrael.org.il/international/rnd/mnc) or [Pilots with MNCs](https://innovationisrael.org.il/content/%D7%9E%D7%A1%D7%9C%D7%95%D7%9C-%D7%AA%D7%9B%D7%A0%D7%99%D7%95%D7%AA-%D7%94%D7%A8%D7%A6%D7%94-%D7%A4%D7%99%D7%99%D7%9C%D7%95%D7%98%D7%99%D7%9D-%D7%A2%D7%9D-%D7%AA%D7%90%D7%92%D7%99%D7%93%D7%99%D7%9D-%D7%A8%D7%91-%D7%9C%D7%90%D7%95%D7%9E%D7%99%D7%99%D7%9D).

**Contacts**

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| **Snam** [Business Unit Hydrogen]call4propH2@snam.it  | **Israel Innovation Authority**Planning UnitInternational Collaboration DivisionPLU@innovationisrael.org.il |