



**Adani Group – Israel Innovation Authority R&D and Pilot Program**

**Call for Proposals**

The [Israel Innovation Authority \(IIA\)](#) and [Adani Enterprises Limited \(AEL\)](#) invite interested Israeli companies to submit applications to co-develop and/or pilot innovative solutions in the fields of Renewable Energy and Airport Business Operations.

**Adani Group** is an Indian multinational conglomerate comprising 7 publicly traded companies in infrastructural and energy sectors – green energy, ports, airports, manufacturing, energy distribution and more. Adani designs, builds, operates and maintains various projects in both B2B and B2C fronts. **Adani Group** is headquartered in Ahmedabad, in the state of Gujarat, India.

Over the years, **Adani Group** has positioned itself to be the market leader in its transport logistics and energy utility portfolio businesses focusing on large-scale infrastructure development in India with O & M practices benchmarked to global standards. With the steep growth of businesses across all sectors rapidly, it is very essential for the company to bring technology and digital advancement to optimize the day-to-day operations and be agile.

**Adani Group** is interested in working with Israeli companies on innovative technological solutions for two of its major businesses:

1. **Adani Green Energy** - handling the renewable energy production, equipment and supply. Adani Green energy is looking for innovative solutions for the modelling of wind turbines that combine data-driven and physics, and conducts real-time simulations called 'Grey Box'. Some of the features that this model should deliver include:

- Establish baseline performance both process-wise and component-wise by identifying performance as well as component issues and should be able to provide recommendations to mitigate the same. Example: optimum yaw angle, blade pitch angle issue, issue in drive train etc.
- Simulations to be driven by real-time data and physics-based modelling and draw insights for individual wind turbines.

2. **Adani Airports** - operating and maintaining the security and services at 8 airports across India. Adani's airport business would serve as a real-world living laboratory for the Israeli companies, where its airport operations experts would



work with Israeli AI startups to test and improve existing processes, services, operations, and safety at its 8 Airports in India.

Adani Airports is looking for innovative Computer-Vision based AI solutions to optimize Airport Operations and User Journey (Eg. Safety and Security, Terminal Operations, etc.):

- Optimizing the use of airport terminal facilities to provide a great experience to travellers, Airside Operations
- A vast range of operations to keep runways safe, such as managing aircraft movements and detecting foreign object debris, Landside Operations
- Facilitating movement of people and vehicles to and from the airport through continuous monitoring of roadways, parking stalls, and facilities at Adani Airports and advancing the development and deployment of discoveries for the benefit of other airports everywhere.

**Supported activities** may include R&D activities, 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 Israel Innovation Authority and Adani Group offer?**

Successful Israeli applicant companies will receive funding from the Israel Innovation Authority and in-kind services from **Adani Group**.

The Israel Innovation Authority can support R&D performing companies, registered and operating in Israel, with a grant of up to 50% of the approved R&D / Pilot 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 Israel Innovation Authority 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.

**Adani Group** 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;
- Usage of internal services, expertise, knowledge, or equipment;
- Access to unique data, datasets, engines, devices, skills;
- Possibility to recruit patients, experimenters, tools, etc.;
- 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 **Adani Group** network.

**Adani Group** would fund its in-kind assistance for the project and make it accessible through an applicable agreement with the selected Israeli companies.

An appropriate agreement between successful applicant companies and **Adani Group** 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 **Adani Group** and the Israel Innovation Authority by email to the contacts below.

The Israel Innovation Authority and **Adani Group** will invite the shortlisted companies to submit a full application to the Israel Innovation Authority according to the incentive program [R&D and Pilots with International Partners](#).

### Contacts

**Adani Group**

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**Israel Innovation Authority**

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