

Henkel – Israel Innovation Authority

R&D and Pilots Call for Proposals

[The Israel Innovation Authority \(IIA\)](#) and [Henkel](#) invite interested Israeli companies and innovators to submit applications to develop and/or pilot enabling sustainability technologies and electronic components. **The goal of the process is to establish a commercial relationship between Henkel and Israeli innovation providers.**

Henkel AG & Co. KGaA, commonly known as Henkel, is a German multinational chemical and consumer goods company headquartered in Düsseldorf, Germany. It is active in both the consumer and industrial sectors. [Henkel Adhesive Technologies](#) is leading today's markets and shaping tomorrow's through its adhesives, sealants and functional coatings. We enable the transformation of entire industries, giving our customers a competitive advantage and offering consumers a unique experience. Our industrial product portfolio is organized into five Technology Cluster Brands - Loctite, Technomelt, Bonderite, Teroson and Aquence.

What are we looking for?

We are seeking innovative solutions with proof of concept, that can be adapted to address the following challenges:

1. FUNCTIONAL COATINGS

- Cr-free metal conversion coatings (ideally aqueous based) for Aluminium alloys (that meet aviation standards) for corrosion protection and adhesion and suitable for high-speed manufacturing.
- Anti-ice coatings for aviation, rail, and wind. Should avoid ice buildup in the first place, not just shed once thick.

2. ELECTRONICS MATERIALS

- Printable transparent electrically conductive formulas or ingredients for heaters and antennas. (Superior to PEDOT/PSS.)
- EMI absorbers (not reflectors) > 30 GHz – looking for formulas or ingredients

3. ENABLING TECHNOLOGIES FOR RECYCLING

- Debonding-on-command of adhesive bonds (whether based on MMA, Polyurethane, Epoxy or otherwise), especially debonding triggered by electrical, magnetic or EMR (but not thermal, not chemical). (Application for consumer electronics for bonds of Glass<>Metal or Metal<>Metal.)



What We Offer

Successful Israeli applicants will receive funding from the IIA and technical support and expert advice from Henkel, to further develop, scale or adapt their technologies to the industrial requirements described by Henkel. Depending on stage of development, additional financing support will be considered.

Funding

- A grant of 50% of approved R&D or Pilot Expenses, in adherence with the regulations and procedures of the Israel Innovation Authority.

Process and Timeline

Program launch	February 1 st , 2023
Interested Israeli companies reach out to Henkel (Contact Jacob Bryce via email below). Henkel invites applicants to office hours to discuss potential collaboration projects	Feb – March 2023
Joint event by IIA and Henkel, details to follow	April 19 th , 2023
Shortlisted applicants submit a full online application to the IIA by this deadline	June 21 st , 2023 12 noon
IIA notifies selected applicants of funding approval	~ September 2023
Project launch	~ October 2023

Selection Criteria

A joint committee will review proposals and select the most promising applications; In general, selected Israeli companies will be expected to offer continual technical support in order to ensure the success of the pilots. The number of solutions to be invited to the pilot phase will depend on the number of promising applications and the degree of cost sharing by the companies.

The committee will include experts and representatives from IIA and Henkel.

Henkel

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