



Climate action, environment, resource efficiency and raw materials

PARTNER SEARCH FORM

ORGANISATION NAME	Ray Techniques Ltd.		
ORGANISATION TYPE	<input checked="" type="checkbox"/> SME <input type="checkbox"/> Large Company	<input type="checkbox"/> University <input type="checkbox"/> Research Centre	<input type="checkbox"/> Consultancy <input type="checkbox"/> Public Administration
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H2020 Societal challenge	SC5: Climate action, environment, resource efficiency and raw materials
Topic (from work program)	SC5-11-2014/2015: New solutions for sustainable production of raw materials SC5-12-2014/2015: Innovative and sustainable solutions leading to substitution of raw materials
Keywords	Nanodiamonds, nano-additives, catalyst, nanocomposite
CONTRIBUTION TO PROJECT <i>e.g. expertise, testing, lab facilities, etc</i>	Expertise: nanodiamond synthesis, nanocarbon dispersions, nanodiamond composite materials, coatings, antifriction treatment, thermal conductive insulating materials, composites with high radiation resistance, nano-additives for efficient energy storage, polishing slurries and pastes Testing: mostly at the center for Nanocharacterization in The Hebrew University Lab. facilities: existing equipment includes laser station for nanodiamond synthesis, mixers, ovens, centrifuges, ultrasonic emitter, etc for nanodiamond dispersions and compounds, press
Did you participate in an FP project?	No
YOUR intended role in the project	<input type="checkbox"/> Coordinator <input type="checkbox"/> Leading Partner <input checked="" type="checkbox"/> Partner Please elaborate (what kind of partners are you looking for?) 1) Big chemical companies interested to decrease the use of raw materials by increase in effectiveness of processing and/ or by improving characteristics of functional materials. 2) Coordinators in Horizon SC5-11 & SC5-12

I agree with the publication of my/our data:

NO YES