

Sprint Challenge Brief: **Green Technologies for Coatings**

BACKGROUND

In support of a global leader in coatings technology, TechConnect Ventures is calling for Entries describing compounds that improve the sustainability profile of the finished coating. In particular, the client is interested in materials that are derived from either bio-based sources or recycled materials.

In particular, the client has identified three distinct goals for this Sprint: sustainably sourced compounds that:

1. Directly replace existing compounds derived from fossil fuels **OR**
2. Provide cost benefits versus compounds derived from fossil fuels **OR**
3. Provide novel functionality for coatings

The goal of this sprint is to facilitate contact and interactions between the Sprint sponsor and active researchers or technology developers in this space. Submissions and novel concepts from individuals and organizations in academia and research are of significant interest, but all viable technology providers are invited to respond for potential commercial opportunities with the client.

REQUIREMENTS

Solvers submitting an Entry are encouraged to highlight key innovation areas in their Submission that meet criteria including:

- Suitability for use in:
 - Water-based coating systems **AND/OR**
 - Solvent-based coating systems
- Function within a formulation
 - Additive
 - Binder
 - Emulsifier
 - Extender
 - Pigment
 - Solvent
- Anticipated role:
 - Replace existing compound **OR**
 - Cost savings **OR**
 - New compound

While the client is interested in technologies capable of replacing existing compounds or technologies new to the coatings field, any proposed technology must be in a form factor suitable for formulation into paints/coatings. Furthermore, the client is not interested in solutions utilizing microplastics or materials of health or environmental concern.

BUSINESS OPPORTUNITY FOR SOLVERS

All complete and eligible Entries will be included in an exclusive Innovation Opportunity Report that will be presented to our client. Solvers with well-matched capabilities may be contacted directly by either TechConnect Ventures or the client to discuss potential partnership opportunities, including – but not limited to – demonstrations, consulting, contract research, licensing, and more. Top-rated Entries may also be invited to register or participate in an upcoming TechConnect Ventures event or pitch program.

PARTICIPATION RULES & GUIDELINES

Solvers are encouraged to review the [Rules](#) and [Guidelines](#) provided on the Sprint page for details about participation, including submission criteria, eligibility information, and more.

QUESTIONS? Contact Executive Director, Nick Kacsandi at info@techconnectventures.com