

## URGENT CALL FOR INNOVATIONS: [COVID-19 SERIES](#)

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### Sprint Challenge Brief:

## Biodegradable or bio-compostable materials for single-use wipes

### BACKGROUND

In support of multiple global industrial partners, TechConnect Ventures is calling for Entries describing biodegradable or bio-compostable materials for single-use, disposable wet wipes. Wet wipes are widely used in a variety of applications including personal care, baby care, sanitization/disinfection, and personal hygiene. Their use for sanitization and disinfection has become especially prominent with the onset of the SARS-CoV-2 pandemic in 2020, a trend which is expected to remain strong even after the current health crisis abates.

The goal of this sprint is to identify materials and technologies that can deliver sustainable single-use wipes that meet growing demands in the consumer, commercial, and regulatory sectors without compromise of performance. Submissions and novel concepts from individuals and organizations at all levels are invited, including the academia, research, commercial and government sectors.

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### REQUIREMENTS

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

- Bio-sourced source material (e.g. unprocessed cellulose, paper, cotton, algal, other biologicals, etc.)
  - Effective disinfection of contaminated surfaces, including casual and non-medical environments
    - Compatible with standard cleaners, disinfectants and decontamination solutions
    - Demonstrates strong liquid retention for use on-demand
    - Non-abrasive, safe to touch, etc.
  - Should demonstrate one or more eco-friendly characteristics, such as:
    - Fully recyclable
    - Compostable under at-home or standard landfill conditions
    - Flushable or disposable through standard plumbing without clogging pipes, sewers, etc.
    - Plastic-free solutions are of interest
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### BUSINESS OPPORTUNITY FOR SOLVERS

All complete and eligible Entries will be included in an exclusive Innovation Opportunity Report that will be presented to our consortium of innovation-seeking clients and partners. Solvers with well-matched capabilities may be contacted directly by clients to discuss potential partnership opportunities. Top-rated Entries may also be invited to register or participate in an upcoming TechConnect Ventures event or pitch program.

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### 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.

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**QUESTIONS?** Contact Executive Director, Nick Kacsandi at [info@techconnectventures.com](mailto:info@techconnectventures.com)