

## Microencapsulation for Agrochemical Formulations

FMC is an agricultural sciences company that advances farming through innovative and sustainable crop protection technologies. FMC is looking for technologies that can encapsulate active ingredients for use in crop protection. The encapsulation technologies should allow tuneable control over the release and volatility of active ingredients and can be organic/inorganic and polymeric/non-polymeric in nature.



### Approaches of Interest

- Technologies should be **biodegradable** (or have a pathway to being biodegradable)
- Encapsulation technologies that can **reduce volatility of active ingredients**
- Capsules should be **hydrolytically stable**
- Technologies should have **low complexity and broad compatibility with a range of chemistry**
- **Manufacturing should be scalable**
- Capsule sizes should be in the range of **500 nm-50 µm** and have **high loading of active ingredient**
- Other encapsulation technologies that are transferable to agriculture will also be considered

### Developmental Stages of Interest

- Technologies should ideally be TRL 3-6 with minimum proof of concept
- Technologies will ideally have Freedom to Operate and applicability within agrochemicals





### Submission Information

Submission of one page, 200-300 word briefs are encouraged, along with any optional supplementary information e.g., relevant publications and patents. In submitting to this campaign, you confirm that your submission contains only non-confidential information.

### Opportunity for Collaboration

FMC is open to a range of collaboration opportunities, with the most appropriate outcome being decided on a case-by-case basis. Example outcomes include licensing assets and research collaborations.

## Opportunities sought

-  Technologies
-  Centres of excellence
-  Research projects
-  Spinout companies

## Submissions

Please submit relevant, non-confidential opportunities online via: [discover.in-part.com](https://discover.in-part.com)

Deadline: **30th August 2022 - 10:59 pm GMT**

### Have any questions?

Contact our team at [discover@in-part.co.uk](mailto:discover@in-part.co.uk)