

Blue INNOship

Project name:

Encapsulated Biocides

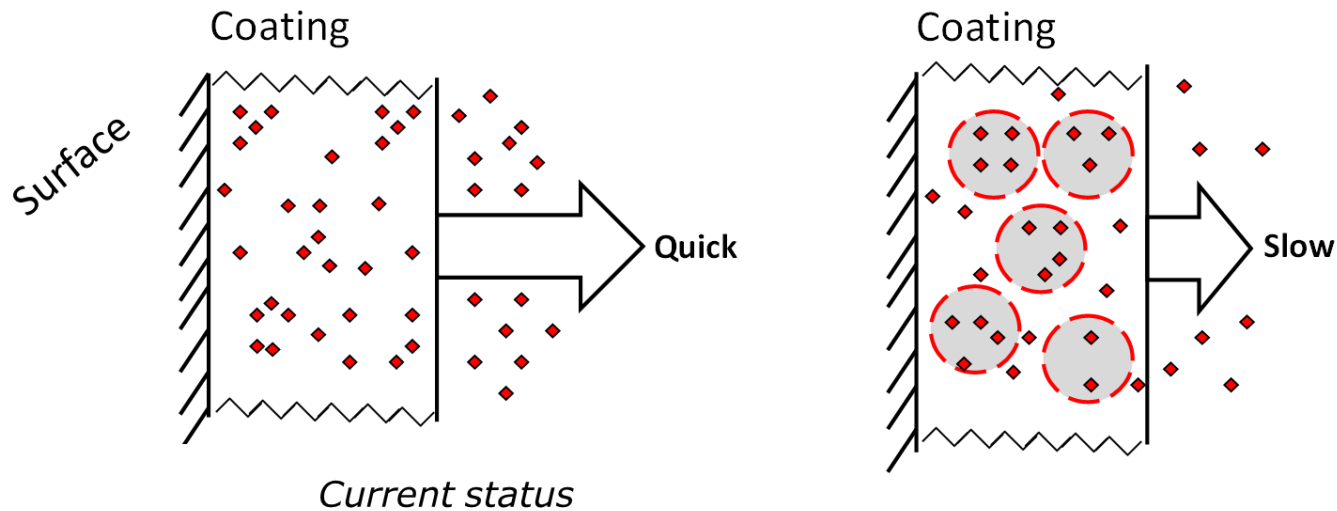
Project participants:

Teknologisk Institut

Hempel

Short project description

The project aims at controlling the leaching rate of biocides in hull coatings by encapsulation.

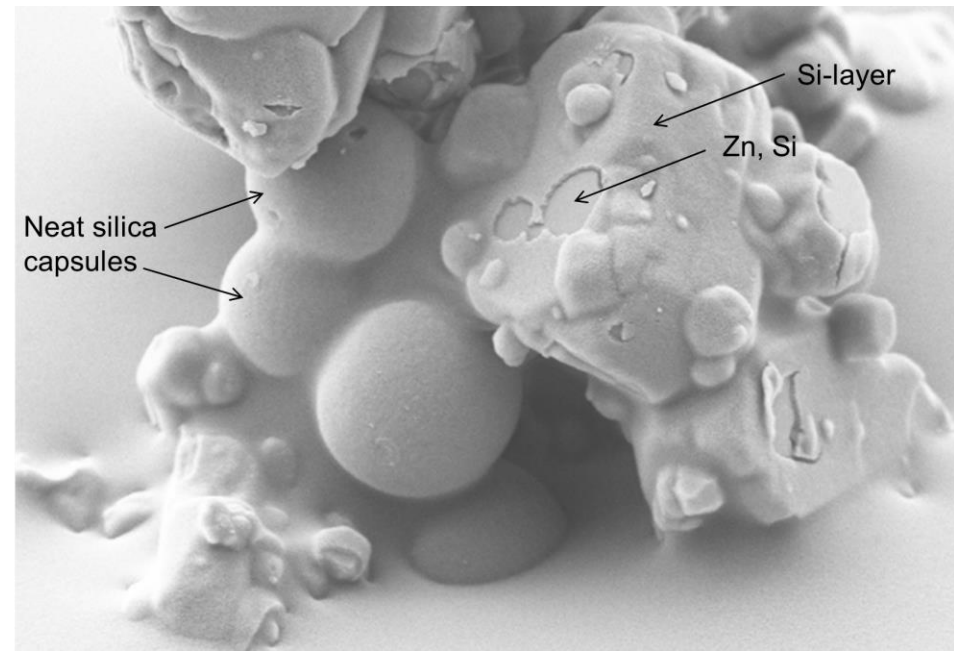


Technology Readiness Level								
1	2	3	4	5	6	7	8	9
		x						

Key findings

What key features or findings would you like to highlight from your project work until now?

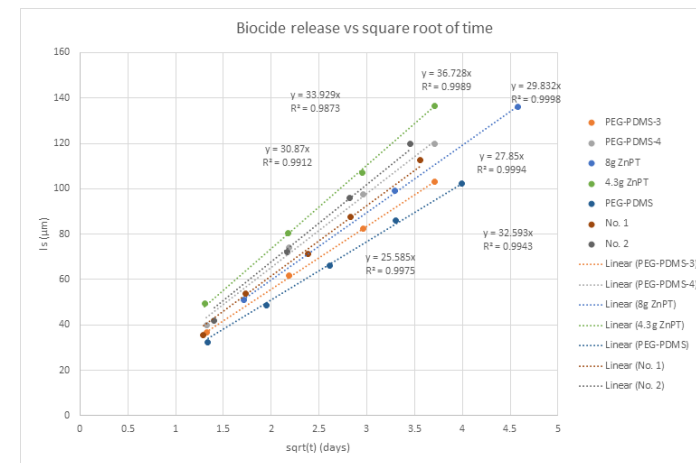
1. Successful encapsulation of biocides.
2. Increased shell thickness of capsules is demonstrated.



Project challenges and solutions

What challenges have the project team experienced and how has the team solved them?

1. The initial technology approach did not give the desired release. Stronger more dense "capsules" are the solution.
2. Frequent meetings and continues technical discussion have ensured that the focus was kept at the end-goal.



Why should you buy our solution?

What makes your solution the preferable one compared to other available solutions?

Controlled release leads to a more effective use of biocides, thereby increasing the longevity of the coating and decreasing the environmental impact.