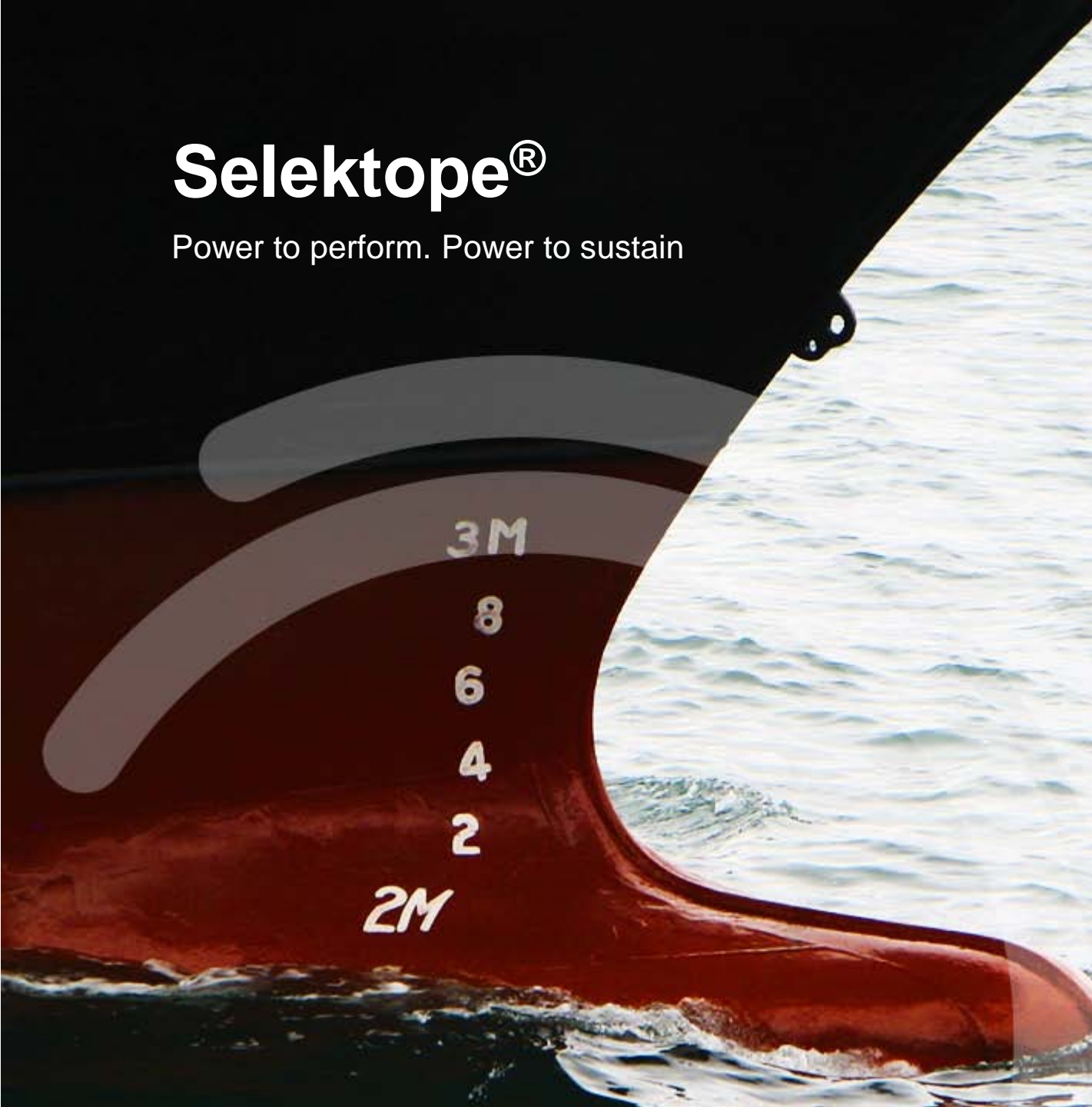


Selektope®

Power to perform. Power to sustain



3M
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Supported by:



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WHEN BUSINESS MEETS THE ENVIRONMENT

The information provided for in the present material does not necessarily reflect the official position of the EACI, the European Commission or other European institution

The company

- Founded twelve years ago in Gothenburg, Sweden
- Environmentally adapted antifouling substances for marine paint
- More than 100 years combined knowledge of Biotech and product development
- Regulatory approvals and essential patents for the Selektope® technology
- Solid university involvement



History

- 
- A large, modern, curved building with a light-colored facade and multiple windows, serving as the background for the slide. The building has a prominent curved section on the right side, with a large glass window reflecting the sky and surrounding environment. The entrance is visible at the bottom center, with a few people standing near it.
- 2000** I-Tech founded by researchers at Gothenburg University and Chalmers University of Technology
 - 2002** Private equity funding during development phase (GU Holding and Volvo Group Venture Capital)
 - 2007** I-Tech became a stand-alone company
 - 2008** Volvo Penta acquired license to leisure boat market
 - 2009** First vessel painted with Selektope®
 - 2011** Regulatory approvals in Japan and Korea

The media

- One of the 'Top 20 most innovative companies in Sweden 2011' nominated by SI (Swedish Institute)
- Received EU funding from Eco-Innovation in 2012
- High-level interest from established media with articles in Forbes, Shipping Gazette, The Gothenburg Post, Cleantech and Ny Teknik.



The challenges

- To improve energy efficiency through superior hull performance
- To reduce exposure to the volatile cost of raw materials
- To respond to environmental regulations
- To maintain efficient ships during fluctuating market trends
- To continue CSR initiatives by reducing the use of copper

The solution

- Selektope[®] – a high performance biocide for demanding applications
- Metal-free antifouling coatings
- Continually prevents hard biofouling on vessel hulls (flat surfaces and niche areas)
- Relies on reverse stimulation rather than toxicity
- Minimal environmental impact from production to application
- Can be mixed with different formulas (silicon-based paints)



The applications

- Ship and boat hulls
- Propulsion systems
- Marine installations
- Fishing nets, cages and other submersed equipment
- Other maritime structures including bridges, floating walkways, docks and piers



The benefits – shipowners

- Increases performance in static conditions
- High-end performance in regular operation
- Removes exposure to copper prices
- Increases fleet flexibility
- Increases colour choice
- Reduces exposure to new laws and regulations
- Environmentally adapted and sustainable
- Contributes to Corporate Social Responsibility (CSR)

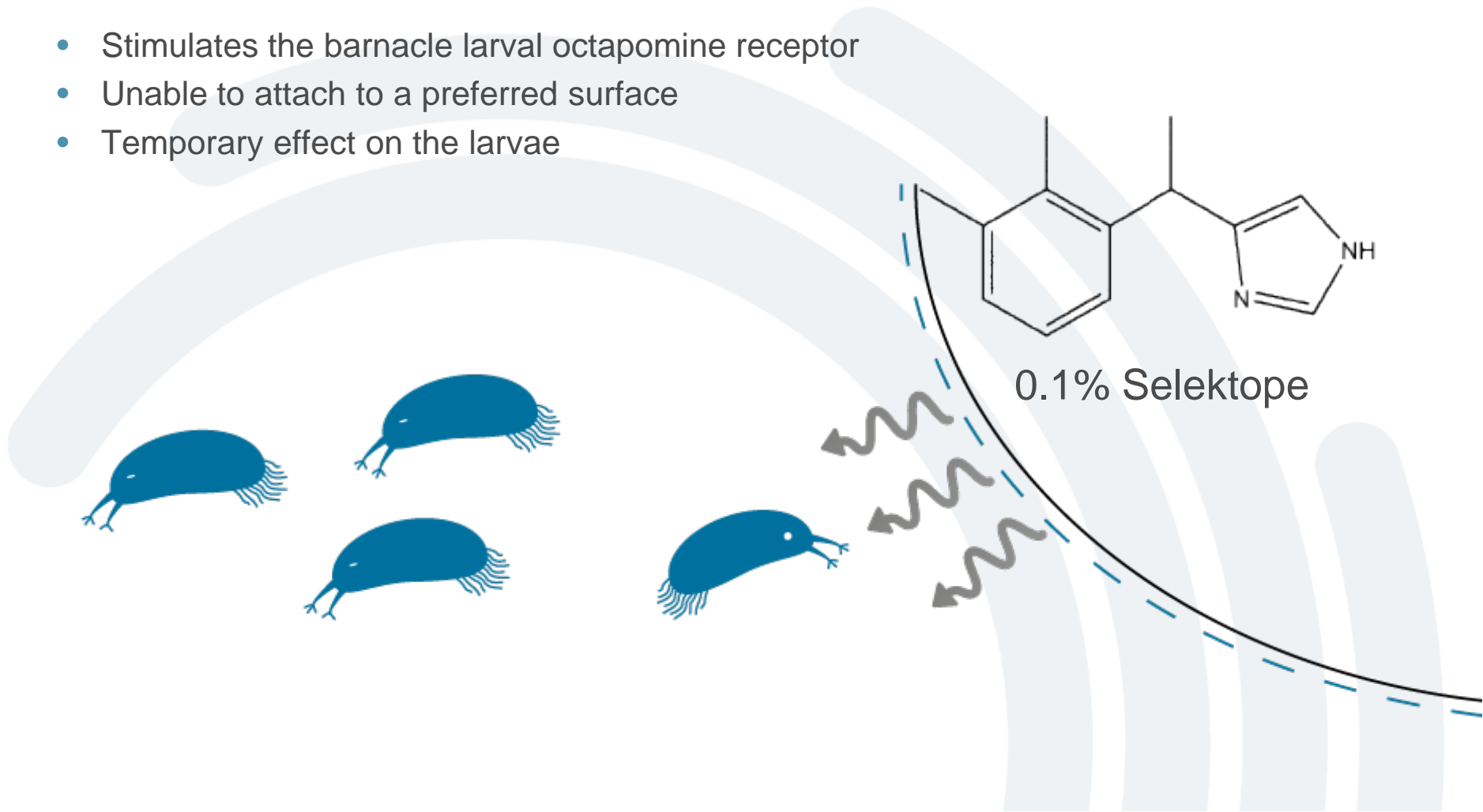


The benefits – paint manufacturers

- Increased differentiation – new products, increased performance
- Available whenever and wherever you need it
- Predictable production costs
- Sustainable technology
- Less is more: 0.1% Selektope vs 50% copper
- New, exciting, tailor-made solutions (creative colours and graphics)
- Environmentally sustainable paint technology

How does Selektope[®] work?

- Stimulates the barnacle larval octapomine receptor
- Unable to attach to a preferred surface
- Temporary effect on the larvae



Selektope[®] – Market approvals

The majority of dominating marine paint companies have developed new antifouling paint based on Selektope[®]

EU

18% of global market
BPD Approval pending
First approval due 2013

USA

5% of global market
Approval due 2015 for
pleasure boat launch

China

25% of global market
Approval due summer 2013

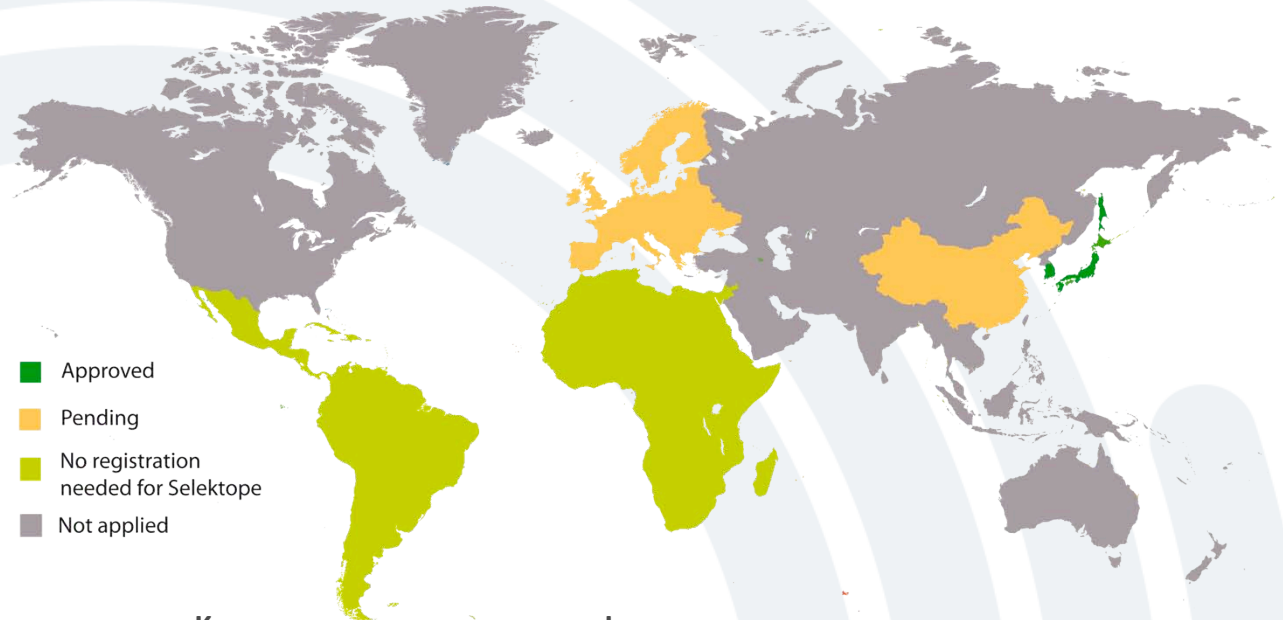
Korea

20% of global market
Approved

Japan

19% of global market
Approved 1 ton/year
10 ton due summer 2013

- Approved
- Pending
- No registration needed for Selektope
- Not applied



Your antifouling partner

- Product manufacturing support
- Research and Development consultancy
- Analytical support
- Regulatory assistance



Contact details

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