

Evolve to co-develop next-generation materials with US Navy

Applications include fire resistant coatings and structural materials for use in aircraft, waterborne craft, fabrics and construction

11 April 2016 – Evolve (SIX: EVE) announced that it has completed a Limited Purpose Cooperative Research and Development Agreement (CRADA) to support the joint development of novel advanced materials with the US Navy. The focus of the efforts supported by this CRADA relate to the development, validation and potential commercialisation of new lightweight, fire-resistant composite materials to save lives and reduce harm from fire.

Applications of these advanced materials include aircraft, waterborne craft, fabrics, armoured vehicles, and construction materials. These next-generation composite materials are based on a molecule that can be manufactured on an industrial scale using advanced biotechnology and fermentation, and then polymerised and shaped/moulded using standard fabrication techniques.

If successful, this project would create for the US Navy novel composite materials that are fire resistant, stronger and lighter than aluminium, and capable of withstanding high temperatures. These materials would also be more sustainably sourced, less expensive, and offer a number of other advantages over existing composites.

“This agreement highlights and validates the versatility of our product innovation platform and depth of our plant science expertise,” said Evolve CEO **Neil Goldsmith**. “This CRADA also illustrates just how far and wide Evolve is making inroads across multiple industries with its building-with-biology platform.”

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About Evolve

Evolve is a pioneer and global leader in sustainable, fermentation-based approaches to ingredients for health, wellness and nutrition. Evolve’s products include stevia, resveratrol, vanillin, nootkatone and saffron. As well as developing its own proprietary ingredients, Evolve also deploys its technology for partners, providing them with a competitive edge and sharing in the returns they make. For more information see www.evolve.com. Questions about our fermentation approach? Have a look at our [video](#).

Contact Details

Neil Goldsmith, CEO
neilg@evolva.com
+ 41 61 485 2005

Stephan Herrera, Media
stepanh@evolva.com
+ 1 415 794 4005

Paul Verbraeken, IR
paulv@evolva.com
+ 41 61 485 2035

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