



## Project Information Sheet

### EcoFood from Aquaponics (EcoPonics)

<b>Programme area:</b>	CIP Eco-Innovation, First Application and market replication projects
<b>Coordinator:</b>	Dr. Ragnheidur Thorarinsdottir Svinna-verkfræði ehf. (SVINNA), Iceland E-mail: svinna@svinna.is Tel: +354 8964830
<b>Partners:</b>	Breen Breeded in Green SL (BREEN), Spain Paul Rye Kledal – Institute of Global Food and Farming (IGFF), Denmark Haskoli Islands (HI), Iceland
<b>Website:</b>	<a href="http://www.aquaponics.is/ecoponics/">www.aquaponics.is/ecoponics/</a>
<b>Benefits (max. 150 characters incl. space):</b>	EcoPonics provides commercial Aquaponics - an environmentally friendly food production method that will be marketed for replication in Europe
<b>Keywords:</b>	Aquaponics, Sustainability, Food
<b>Sector:</b>	Green Business
<b>Type of solution</b>	Sustainable products, technology development, new service
<b>Duration:</b>	18/07/2013 – 17/01/2016
<b>Budget:</b>	€ 1,723,028 (EU contribution: 49.97%)
<b>Contract number:</b>	ECO/12/332783 SI2.656985

#### Summary

EcoPonics joins three innovation companies from Denmark, Iceland and Spain, respectively, collaborating with the University of Iceland with the aim to implement commercial and competitive Aquaponics production systems in all three participating countries. Aquaponics is a combination of the words aquaculture and hydroponics, and the eco-innovative technology behind is similarly a combination of the two normally specialized production systems, producing fish and plants in one production loop. The wastewater from the fish is used as resources in the horticultural production where plants take up the nutrients and hence cleanse the water before being returned to the fish, eliminating traditional use of fertilizers and minimizing use of water and energy. Thus, Aquaponics is a resource efficient and environmentally friendly food production system optimizing use of resources.

The EcoPonics partners will work towards dissemination and replication of the Aquaponics technique in Europe providing new high skilled jobs and sustainable high value food products.

#### Expected and/or achieved results

New and smarter Eco-innovative Life cycle technology solutions driven by European SME's generating commercial based industrial showcases

Integrating modern food production with EU transition policies advocating for climate resilient and CO<sub>2</sub> neutral cities

New possibilities for direct use of renewable energy in industry

New sustainable food products locally produced in Europe

Waste products made into valuables



The information sheet will be published in the [Eco-Innovation website](#). The EACI reserves the right to edit the information sheet for content and length