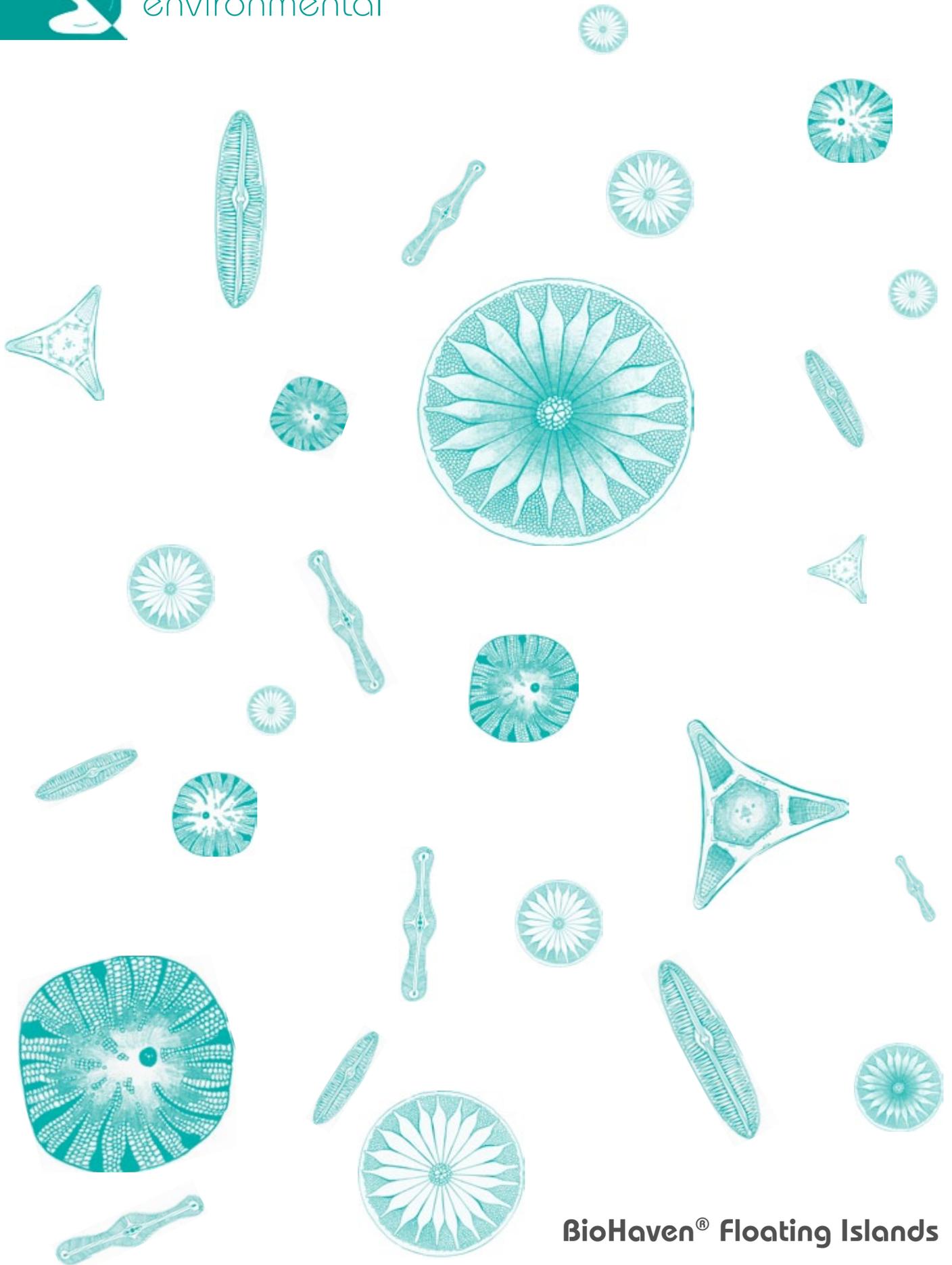




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BioHaven® Floating Islands
Product Guide



BioHaven® is a Floating Constructed Wetland. It allows us to bring the water treatment and habitat benefits of a wetland to almost any water body.

Wetland plants provide a beautiful and diverse habitat, whilst the root structure delivers natural biological treatment in the water column.



Kings Cross, Regent's Canal

Project size: 55m²

Project aim: habitat creation in the midst of a large scale urban redevelopment

Installation time: 2 days

Delivery method: London Wildlife Trust volunteers and frog environmental working together

Installation date: Spring 2014



River Lee, London

Project size: 90m²

Project aim: to create linear wetland features for water treatment and habitat gain. Masking sheet piling with wetland plants

Installation time: 3 days

Delivery method: Thames 21 volunteers and frog environmental working together

Installation date: Spring 2016



River Crane, London

Project size: 60 m²

Project aim: provide new habitat and water treatment in an urban river

Installation time: 1 day

Delivery method: frog environmental working with The Conservation Volunteers

Installation date: Spring 2017



Reading Gateway, Berkshire

Project size: 160 m²

Project aim: provide biodiversity and water treatment in a lake surrounded by a new residential development

Installation time: 4 days

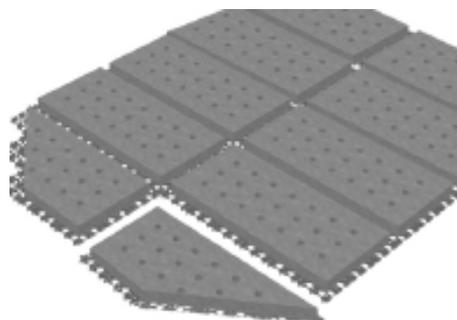
Delivery method: frog environmental design & build contract

Installation date: Winter 2017

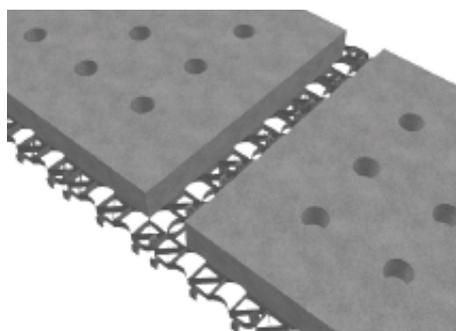
All BioHaven products rely on the same principle of internal buoyancy set in a high surface area matrix engineered for high plant success rates, long term plant establishment and water treatment.



A tough connection grid is an integral part design and allows BioHaven modules to be connected in a wide variety of ways



Large floating structures are built quickly and easily using the BioHaven module



The high surface area growing matrix has been engineered for successful long-term wetland plant establishment



Pre-established wetland plants grown on coir are placed directly on the planting matrix, making planting a quick and simple process

Hanging BioFilters



Natural fibres are a simple addition that augment water filtration and provide instant fish fry and invertebrate habitat

Protective Fencing



Different grades of wildfowl fencing are available to protect plants whilst they establish

Anchoring



Different anchoring options are available to suit all installation environments, from estuaries to village ponds





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frog environmental are specialists when it comes to water quality and sediment management.

We've been launching BioHaven® floating islands for over 7 years and enjoy working with our clients to deliver these projects for several key reasons:

- We witness a measureable impact on nutrient reduction using only natural biological processes and no energy
- BioHaven is a tool that lets us bring the incredible benefits of a wetland into water bodies that cannot accommodate a natural wetland
- Versatility; a well planned project brings multiple benefits, from habitat connectivity and water treatment to improving amenity value
- Volunteer groups and charities take ownership of BioHaven installations and are able to deliver highly beneficial projects quickly and easily

For advice on BioHaven
contact frog environmental

0345 057 4040

info@frogenvironmental.co.uk

www.frogenvironmental.co.uk

@frogenv

Wales: Banc y Berllan, Llansadwrn,
Llanwrda, Dyfed SA19 8NA

Midlands: frog environmental ltd,
Blakenhall Park, Barton Under
Needwood, Staffordshire, DE13 8AJ

Artwork by Siobhan Fedden



FLOATING ISLAND INTERNATIONAL®

Working in partnership