

Seaweed Industry Development Programmes



From Seaweed Ambition to Scalable Industry

Practical programmes for governments, partners, and coastal communities

From strategy and pilot projects to scalable seaweed value chains

Designed for implementation, investment readiness, and long-term impact



SEAWEED PROGRAMME PACKAGES

From concept to scalable seaweed industry

Structured programmes move you from strategy to real implementation and scale.

Practical packages for governments, foundations and coastal community programmes

STRATEGY

PILOT

SCALE

A structured 3-phase pathway

Coastal Blueprint

Design a fundable seaweed value chain

- Market, value chain, and stakeholder analysis
- Locally adapted scenarios & pre-feasibility
- Roadmap and investment-ready concept

Outcome: Clear, fundable project concept



BioStim Launchpad

Validate through real-world implementation

- Modular processing setup & local training
- Product development and field validation
- Data, quality control, and first revenues

Outcome: Proven pilot with market traction



BlueCycle Hub

Build a scalable seaweed industry

- Modular biorefinery and supply networks
- Product portfolio expansion and market integration
- Financing and impact measurement

Outcome: Investment-ready, scalable operations

SIRPUTIS VALUE from strategy to execution

We bridge the gap between strategy and real industry development.

- End-to-end implementation (not just consulting)
- Locally adapted, technically feasible solutions
- Designed for funding and long-term impact



Practical programmes for governments, donors, and coastal

Design a Practical Seaweed Value Chain/ 01- Strategy

(4–8 weeks | €9K–15K)

At this stage, Sirputis acts as a **strategic and technical partner**, helping clients to clear, fundable, and actionable concept

What we do:

- Assess market demand, pricing, and regulatory conditions
- Map the full value chain (cultivation → processing → markets) for a target geography
- Identify and engage key stakeholders and partners across the ecosystem
- Develop 2–3 locally adapted value chain and business scenarios
- Conduct pre-feasibility and risk assessments (technical, financial, operational)
- Define optimal species, cultivation, and processing pathways
- Build a phased implementation roadmap and action plan with investment needs
- Prepare donor- and investor-ready concept materials (concept note or pitch deck)
- Support structured go/no-go decision-making and recommendations
- Client outcome:
 - ✓ Clear, realistic, and fundable project concept
 - ✓ Defined next steps toward implementation

Why Sirputis:

- End-to-end perspective (from biomass to market)
- Locally adapted and technically realistic solutions
- Designed for funding (donors, public programs, blended finance)

Start with a clear strategy to unlock funding and reduce implementation risk.

Sirputis helps you move from concept to action.



Programme for Governments and Coastal Communities

Launch a Real Seaweed Operation/02- Pilot

(4–9 months | €50K–€200K)

Sirputis moves beyond planning into **hands-on implementation, delivering a working pilot with real operations and first market outputs**

What we do:

- -Design and install modular pilot processing units (extraction, blending, filling)
- Set up cultivation, harvesting systems, and basic handling equipment (ropes, floats, PPE)
- Train local teams in operations, processing, and quality control (drying, filtration, QA)
- Develop and test initial products and formulations (food, feed, biomaterials)
- - Run pilot production, field trials, and first community-level applications
- Implement quality control (harvest, handling, processing)
- Monitor performance and optimize operations
- Collect data (yields, costs, product performance)
- - Prepare market-ready products and validated use cases (1–2 pilot products)
- Support initial market entry and early revenues

Client outcome:

- ✓ Operational pilot with validated processes and products
- ✓ Local capacity built and first market traction achieved

Why Sirputis:

- Practical cultivation and processing expertise
- Modular systems adaptable to local contexts
- Fast transition from pilot to scale-ready stage

Start with a clear strategy to unlock funding and reduce implementation risk.

Sirputis helps you move from concept to action.



Programmes for Governments and Coastal Communities

Build a Scalable Seaweed Industry/ 03 - Scale

(12–24 months | €500K–€3M)

Sirputis supports the transition from pilot to a **fully operational, investment-ready, revenue-generating seaweed industry**

What we do:

- Deploy modular biorefinery infrastructure (reception, washing, extraction, drying, packaging)
- Scale processing to industrial capacity
- Develop supplier and aggregation networks (community-based sourcing systems)
- Implement standardized quality systems (incl. basic QA lab setup)
- Establish logistics, storage, and effluent handling systems
- Support certification and compliance (if required)
- Expand product portfolio (3–5 scalable products)
- Enable market integration and off-take partnerships (B2B, export)
- Measure economic, social, and environmental impact
- Structure financing and investment cases for scale-up

Client outcome:

- ✓ Scalable, resilient seaweed value chain
- ✓ Investment-ready operations with measurable impact

Why Sirputis:

- End-to-end delivery from pilot to full-scale operations
- Technically realistic scaling (not just strategy)
- Clear pathway to investment and long-term growth

Scale with confidence — from pilot to industry.

Sirputis helps you unlock investment and long-term impact



SIRPUTIS VALUE

From Strategy to Execution

We bridge the gap between ambition and real industry development — delivering practical, scalable seaweed programmes.

- End-to-end implementation, not just consulting
- Locally adapted and technically feasible solutions
- Designed for funding, scalability, and long-term impact

What's Included

Every programme integrates:

- Community engagement and stakeholder alignment
- Inclusion of women and youth
- Sustainability and traceability principles
- Partner development and capacity building
- Training and donor reporting tools

Optional Add-Ons

Available to strengthen delivery and scale:

- Grant strategy and fundraising support
- Tender preparation and partnership development
- Off-taker and market outreach
- Monitoring, evaluation, and impact reporting
- Branding and communication support

Commercial Notes

Indicative pricing excludes land acquisition, major civil works, import duties, taxes, and full certification unless specifically defined.

Programmes can be delivered as:

- Advisory support
- Pilot implementation
- Full turnkey programme delivery

Let's Build the Seaweed Economy Together

Sirputis delivers practical, investment-ready solutions

for sustainable blue growth.



*Tailor-made solutions for your business efficiency.
From concept to fully operational production line.*

Contact us for a custom solution

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Creating Value from the Sea

Our equipment transforms raw seaweed into high value-added products — from dried seaweed to bioactive compounds.

Rely on **Sirputis** expertise and technological excellence.

Partners and Clients

