



D.7.6 Dissemination Package (project brochure, banner and web site design)

<MIRACLES CONFIDENTIAL>

STATUS:	Final
DUE DATE	M 6
DELIVERY DATE	M 12
APPROVAL	• October 20th 2014 by Macarena Sanz (Task and WP7 Leader) • October 30th 2014 by Hans Reith (Project Coordinator)
Dissemination level of the Deliverable	☐ PU: Public ☐ PP: Restricted to other programme participants (including Commission Services) ☐ RE: Restricted to a group specified by the consortium (including the Commission Services) ☒ CO: Confidential, only for members of the consortium (including Commission Services)
Responsible	Ms. Macarena Sanz, WP7 and Dissemination Leader

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1. Introduction

1.1. Document purpose and scope

The purpose of this document is to describe the development and delivery of the MIRACLES brochure, roll up banner and website. 200 brochures and 1 roll-up have been distributed among all MIRACLES partners and the EC Project Officer.

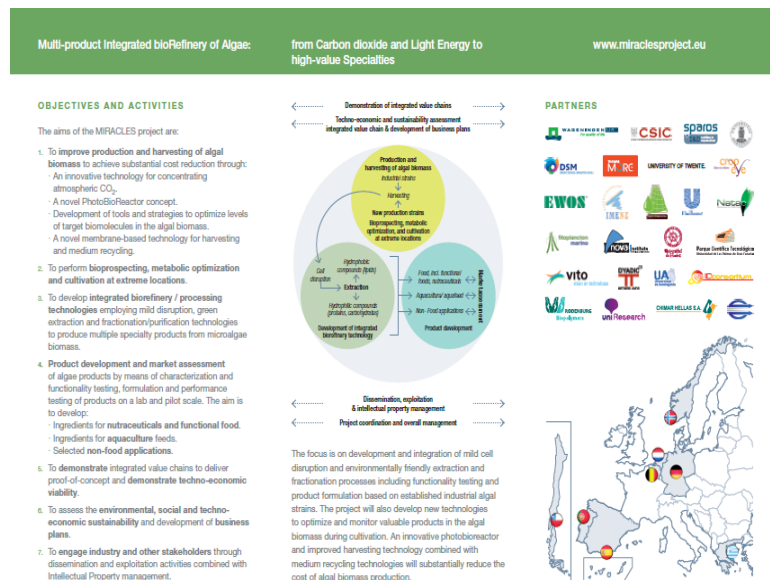
Images of the brochure, banner and website are provided in Annexes I and II and III.

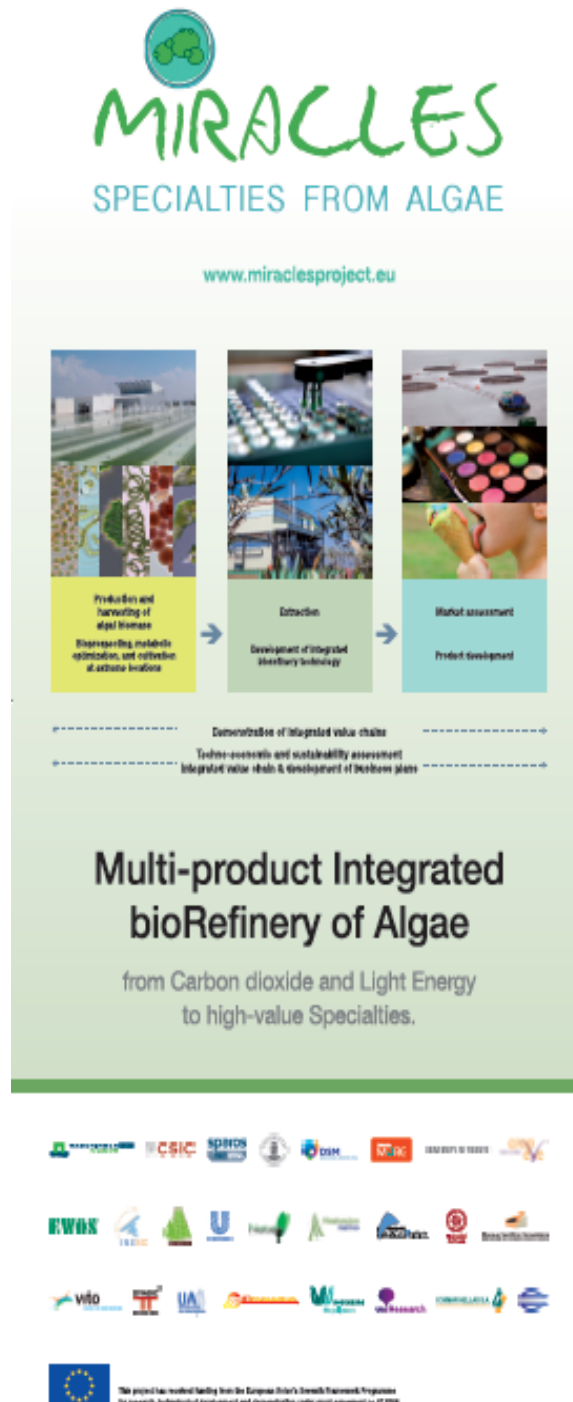
1.2. Intended Audience

The dissemination level of this document is confidential and restricted to MIRACLES partners and the EC services.

1. MIRACLES Brochure

The brochure was designed and produced with the idea of giving a fast update on what Miracles is, what its objectives and expected impacts are and who belongs to MIRACLES Consortium. Different brochures per industrial sector will be developed. It has A4 size printed on both sides and folded into 3 sections. Go to Annex 1 for a better view of the brochure.





4. MIRACLES Website

The MIRACLES project website (<http://miraclesproject.eu/>) is on-line since April 2014. The website is divided into sections where visitors can find the following information:

- Project: Visual presentation of the project, consortium and administrative information (project funded by the 7th FP of the European Commission, grant agreement n° 613588)
- Activities: Brief description of Work Packages
- Consortium: Description of the partners involved in the MIRACLES consortium.
- Publications: This section contains the following sections:
 - Presentations
 - Press releases
 - Project leaflet
 - Newsletters
 - Publications incl. scientific articles and other publications

Exploitable Results: In this section flyers of MIRACLES (public) exploitable results will be placed to promote and support exploitation of the project results.

- Contact us: This section will only include the following contact information
 - Project Coordinator: Hans Reith (hans.reith@wur.nl);
 - Exploitation Officer: Philippe Willems (phw@value-for-technology.be);
 - Dissemination Officer: Macarena Sanz (msanz@idconsortium.es)
 - EC Project Officer: Garbiñe Guiu (garbine.guiu@ec.europa.eu)

Access to the internal pass word protected intranet (EMDESK platform) is available for MIRACLES partners' and the EC officer through the web site via a button at the bottom on the right hand side. Partners have to log in using an assigned user name and password. Furthermore the website provides links to the social media in use for the project dissemination i.e.:

- Facebook
- Twitter
- Linked-in

The following screenshot shows the Home section of the website:



Project

Activities

Consortium

Publications

Exploitable Results

Contact us



PROJECT

MIRACLES is an industry-driven R&D and innovation project aimed at developing integrated, multiple-product biorefinery technologies for the production of specialties from microalgae for application in food, aquaculture and non-food products.

Microalgae are a promising feedstock for the sustainable supply of commodities and specialties for food and non-food products. Despite this potential, implementation to date is limited, mainly due to unfavourable economics. Major bottlenecks are the lack of available biomass at acceptable costs and the absence of appropriate biorefinery technologies. The 4-year MIRACLES project aims to overcome these hurdles with the development of an integrated, multiple-product biorefinery for valuable specialties from algae for application in food, aquafeeds and non-food products.

The focus is on the development and integration of mild cell disruption and environmentally-friendly extraction and fractionation processes, including functionality testing and product formulation based on established industrial algal strains. The project will also develop new technologies for optimizing and monitoring valuable products in the algal biomass during cultivation.

An innovative photobioreactor and an improved harvesting technology, combined with medium recycle technologies, will enable substantial cost reduction in algal biomass production.

The project has a multidisciplinary approach. To achieve the ambitious objectives of the MIRACLES project a consortium of partners with complementary expertise in all phases of the value chain has been formed, consisting of twenty-six partners from six EU countries, the associated country Norway, and International Cooperation Partner Country (ICPC) Chile, and including 11 prominent research organizations. Strong industrial leadership is guaranteed through the participation of 12 SMEs and 3 NMI/end users.

ACTIVITIES



This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 613508

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EUROPEAN AQUACULTURE 2014, OCTOBER 14-17, 2014 (DONOSTIA- SAN SEBASTIÁN, SPAIN)
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THE 4TH INTERNATIONAL BIELEFELD-CEBITEC RESEARCH CONFERENCE, SEPTEMBER 21-24, 2014 (BIELEFELD UNIVERSITY, GERMANY)

INTERNATIONAL COURSE, JULY 11- 18, 2014 (WAGENINGEN, THE NETHERLANDS)
→ INFO

ANNEX 1: Detailed view of MIRACLES Brochure and banner



Algae cultivation facilities at Fitoplancton Marino SA (ES)

THE PROJECT

MIRACLES is a 4-year industry driven R&D and innovation project aimed at developing integrated, multiple-product biorefinery technologies to produce specialties from microalgae for use in food, aquaculture and non-food products.



This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 613588

CONTACTS

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Multi-product Integrated bioRefinery of Algae:

from Carbon dioxide and Light Energy
to high-value Specialties.

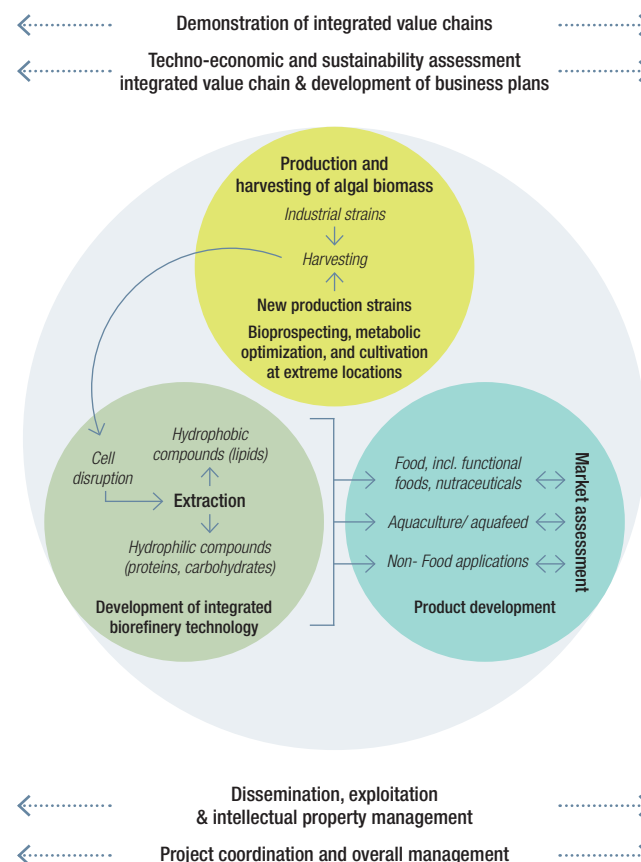
www.miraclesproject.eu

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OBJECTIVES AND ACTIVITIES

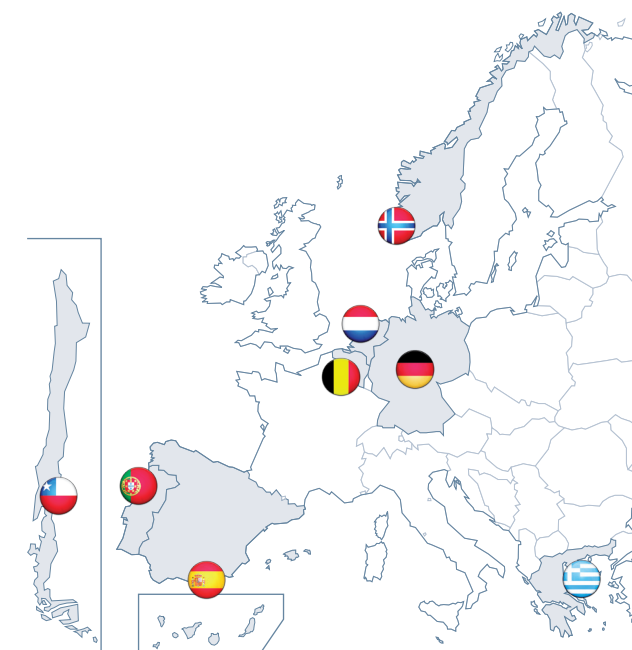
The aims of the MIRACLES project are:

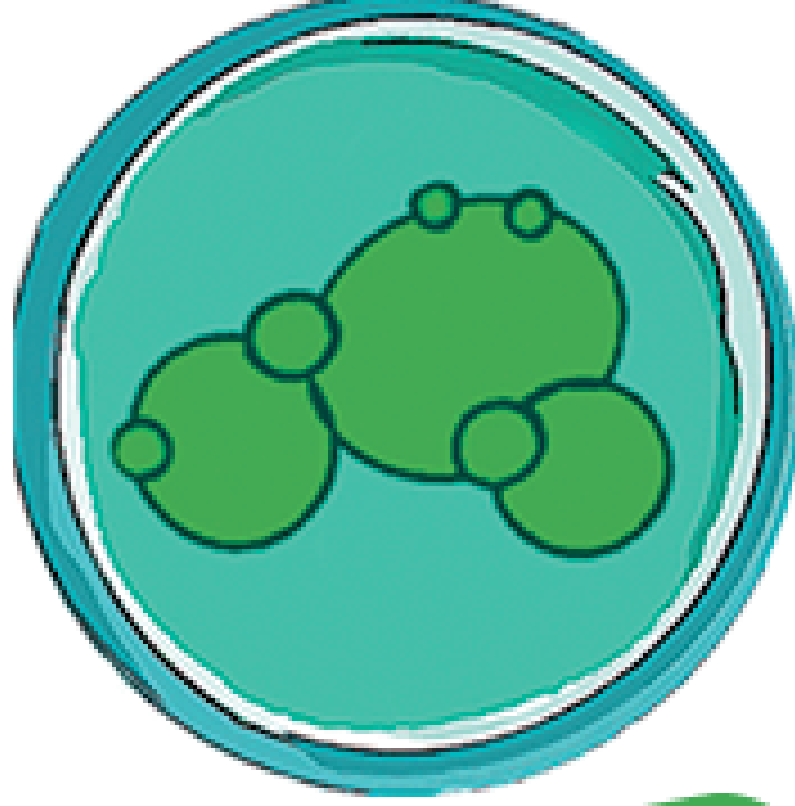
1. To **improve production and harvesting of algal biomass** to achieve substantial cost reduction through:
 - An innovative technology for concentrating atmospheric CO₂.
 - A novel PhotoBioReactor concept.
 - Development of tools and strategies to optimize levels of target biomolecules in the algal biomass.
 - A novel membrane-based technology for harvesting and medium recycling.
2. To perform **bioprospecting, metabolic optimization and cultivation at extreme locations**.
3. To develop **integrated biorefinery / processing technologies** employing mild disruption, green extraction and fractionation/purification technologies to produce multiple specialty products from microalgae biomass.
4. **Product development and market assessment** of algae products by means of characterization and functionality testing, formulation and performance testing of products on a lab and pilot scale. The aim is to develop:
 - Ingredients for **nutraceuticals and functional food**.
 - Ingredients for **aquaculture** feeds.
 - Selected **non-food applications**.
5. To **demonstrate** integrated value chains to deliver proof-of-concept and **demonstrate techno-economic viability**.
6. To assess the **environmental, social and techno-economic sustainability** and development of **business plans**.
7. To **engage industry and other stakeholders** through dissemination and exploitation activities combined with Intellectual Property management.



The focus is on development and integration of mild cell disruption and environmentally friendly extraction and fractionation processes including functionality testing and product formulation based on established industrial algal strains. The project will also develop new technologies to optimize and monitor valuable products in the algal biomass during cultivation. An innovative photobioreactor and improved harvesting technology combined with medium recycling technologies will substantially reduce the cost of algal biomass production.

PARTNERS

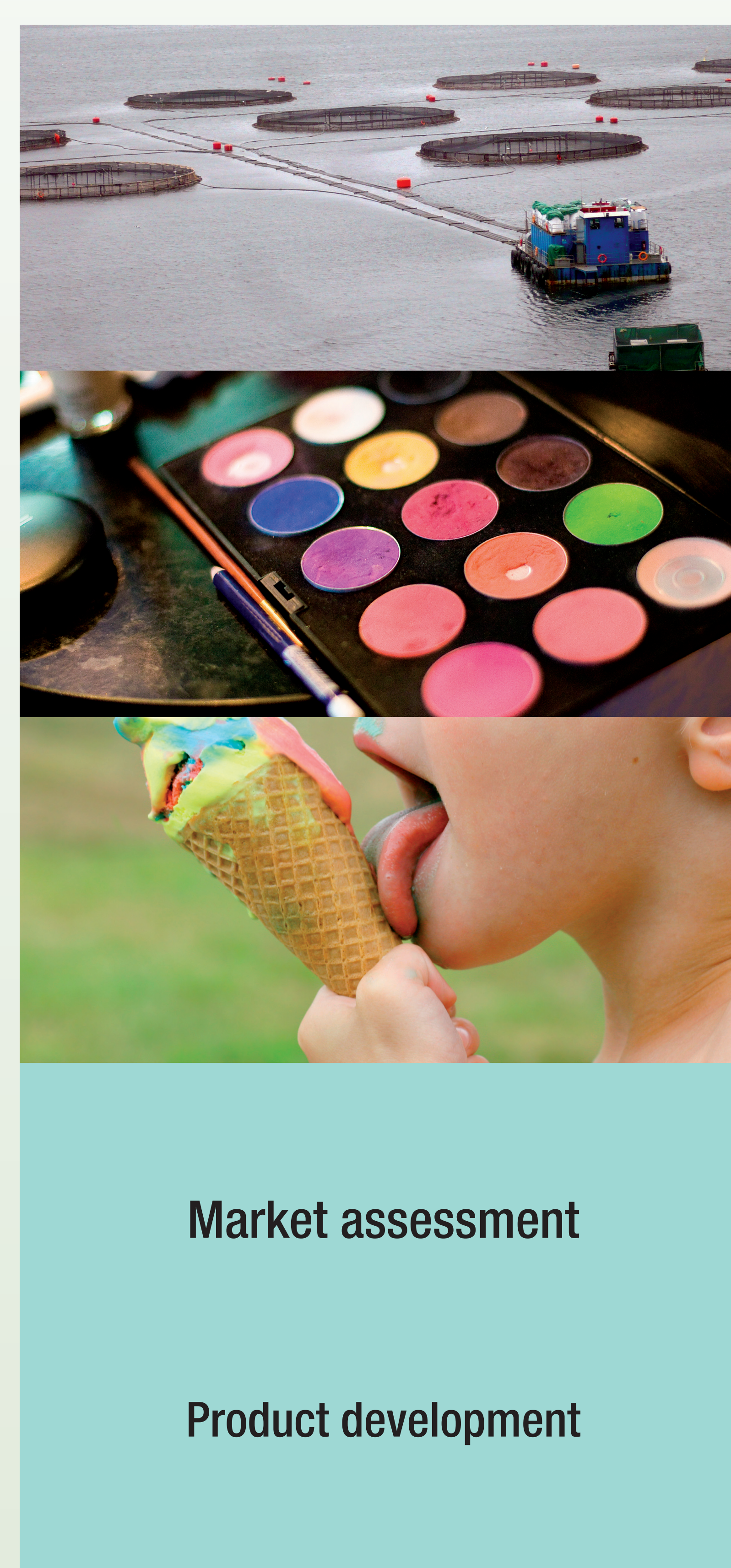
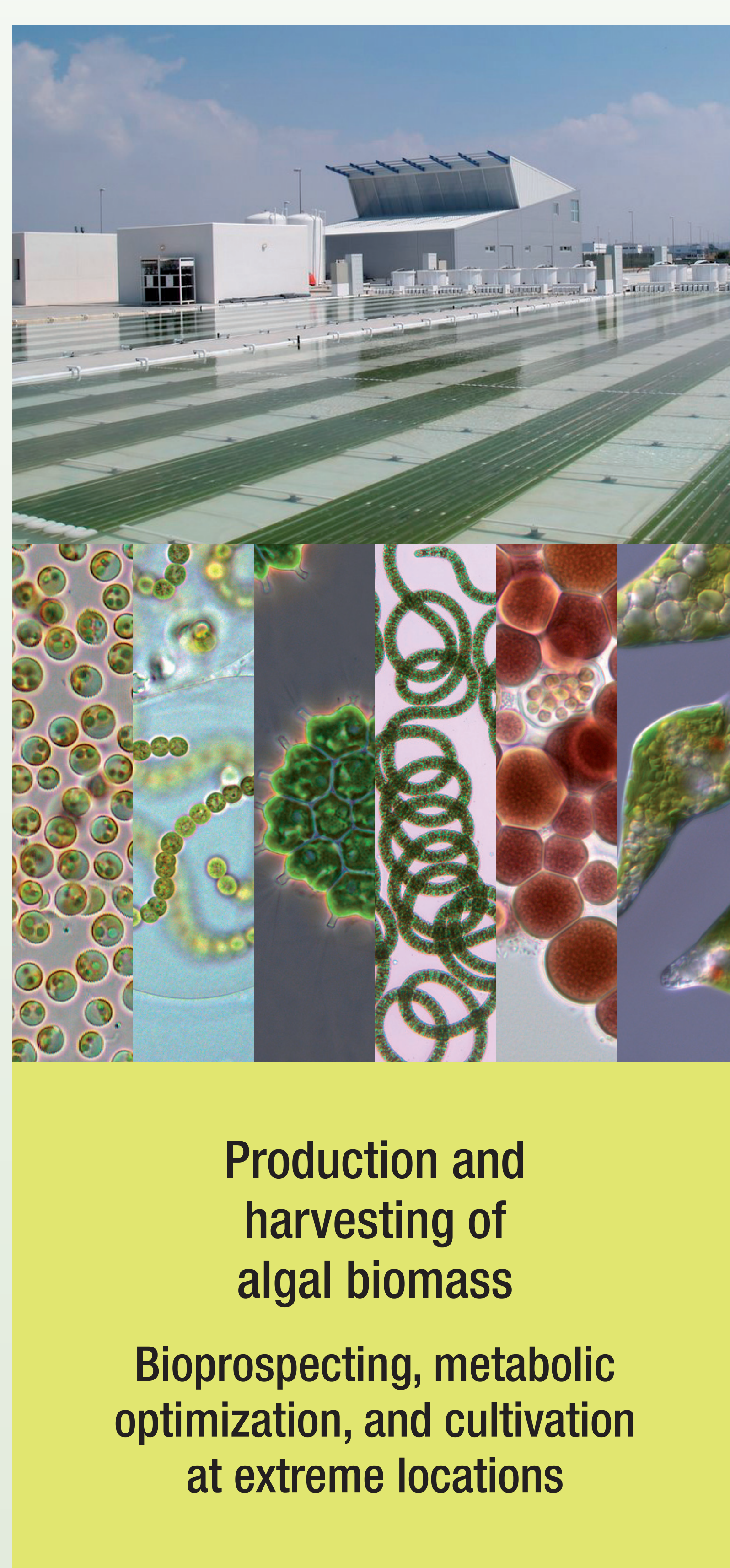




MIRACLES

SPECIALTIES FROM ALGAE

www.miraclesproject.eu



Demonstration of integrated value chains

Techno-economic and sustainability assessment
integrated value chain & development of business plans

Multi-product Integrated bioRefinery of Algae

from Carbon dioxide and Light Energy
to high-value Specialties.



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