

Investor presentation



26 April 2016





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Andrew ECHATTI

CFO



- CFO from August to December 2015
- Occupied Senior positions in Europe and the US with Gilead Sciences, Bausch & Lomb and The Coca-Cola company
- MBA degree (Ghent University in Belgium) and Executive degree (The Chicago Booth Management of Business)





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 production of EPA from
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Investment highlights

FOUNDED WITH A GROUNDBREAKING & ENDURING VISION

- · Exploit the exceptional potential that microalgae hold
- Develop the technology required to bring products to market

A FULLY INTEGRATED BIOTECHNOLOGY PLATFORM

- Well-equipped teams of scientists focused on innovation and operation
- Constant care to protecting and exploiting the knowledge and resources developed

A STRONG ORGANIZATION WITH EXCELLENT LEADERSHIP

- Structured to place the focus where it is needed, and provide the support required
- Experienced and international leadership team

SCIENCE PLUS

- · Doing the basic science required but always thinking of the needs of industrialization
- Strong project management to bring products to life and to market

INDUSTRIALIZATION AND COMMERCIALIZATION

- · Poised to initiate industrialization and commercialization through internal and external resources
- Strong product pipeline for the years ahead

AN OUTLOOK FOR THE FUTURE

- · Ideally positioned to generate and seize opportunities as they arise
- Clear plan and future milestones to guide growth





Fermentalg to date

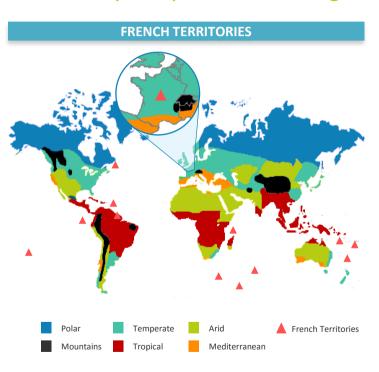




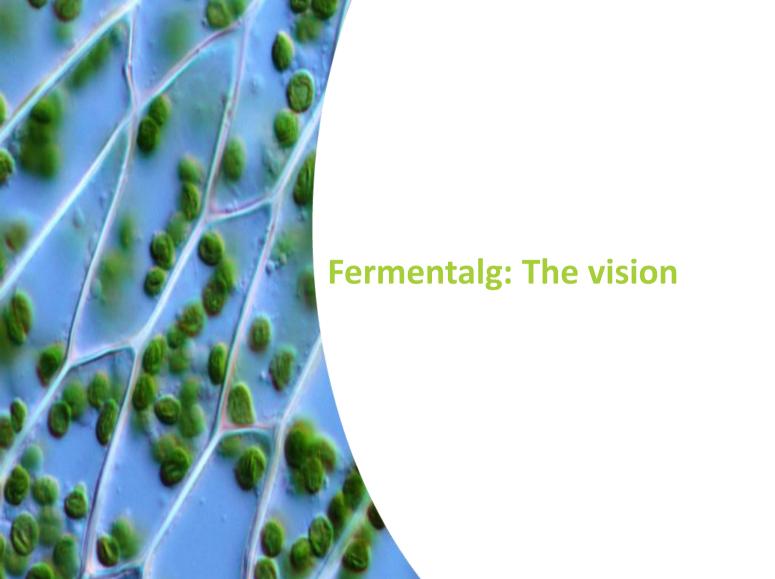
Unique access to natural resources

French territories offer key competitive advantages

FRENCH COMPETITIVE ADVANTAGES 2nd largest maritime area worldwide **PROTECTED Diversity of climates** NATURAL Nagoya Protocol fighting against biopiracy **RESOURCES** → Ideal territory for strain collection Unique research know-how **TECHNICAL EXPERTISE** Historical experience in microalgae Collaborative industrial & academic programs (France & UE) LOCAL **SUPPORT** Tax incentives (CIR) Local & regional support

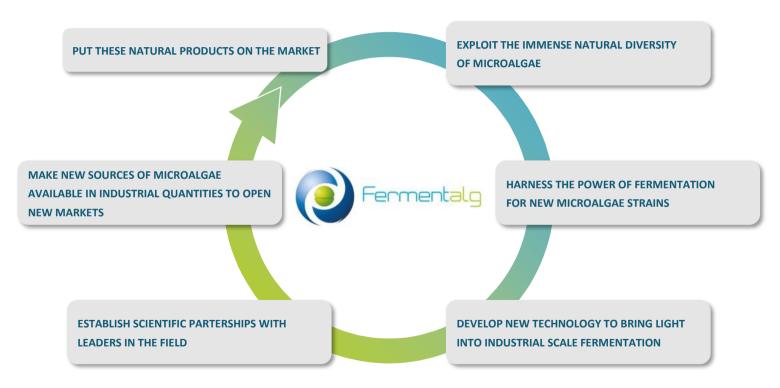


FRANCE PROVIDES NUMEROUS COMPETITIVE ADVANTAGES FROM STRAIN COLLECTION TO RESEARCH EXPERTISE AND SUBSIDIES





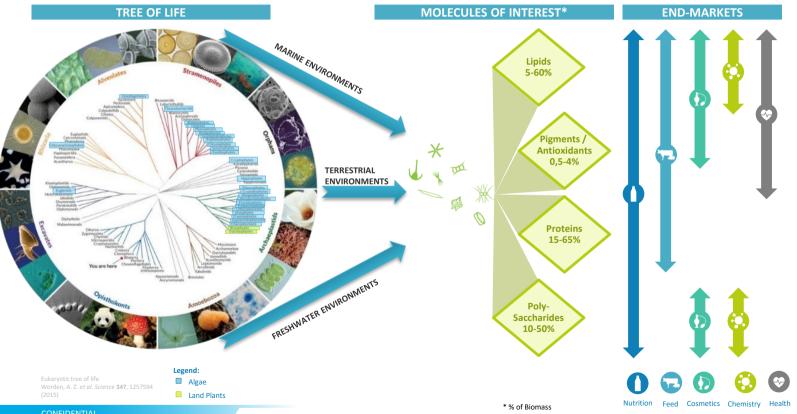






Exceptional properties found in microalgae

Natural resource producing a large range of molecules





EARLY TECHNOLOGY (AUTOTROPHY)



GROWTH ON SUNLIGHT

Low density cultures

5-10mg biomass/L/day

Open to environment

At the mercy of the weather and seasons

MODERN TECHNOLOGY (HETEROTROPHY)



FERMENTATION

High density cultures

2-5g biomass/L/hour

Closed, sterile

Controlled, consistent

The history of fermentation Performance and control

A CONTROLLED FERMENTATION PROCESS ADDS SIGNIFICANT
VALUE

- Proportion of molecules in biomass significantly enhanced
- High Productivity
- ✓ Consistent quality with no seasonal variation
- Rapidly scalable supply
- No danger of environmental contaminants such as heavy metals, pesticide residues, or toxins from other contaminating organisms

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MICROALGAE EVOLVED TO RESPOND
TO LIGHT



FERMENTATION IS TRADITIONALLY PERFORMED IN THE DARK



WHAT IF THE TWO COULD BE COMBINED?



A NEW TECHNOLOGY IS BORN



Historic evolution Let there be light

FERMENTERS WITH INTEGRATED LIGHTING



ACTIVATING GENE EXPRESSION



ALLOWING NEW STRAINS TO BE EXPLOITED...

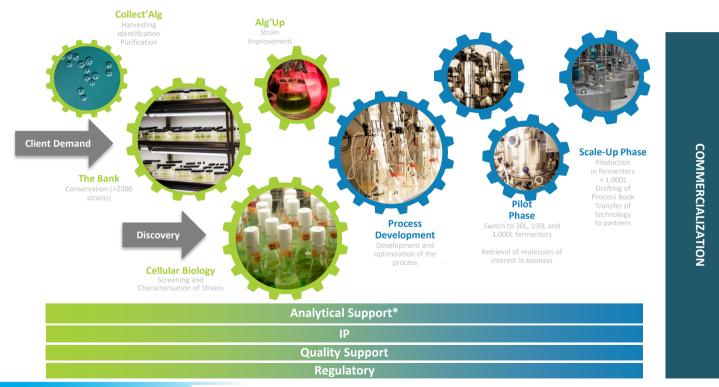


...AND NEW PRODUCTS TO BE DEVELOPED

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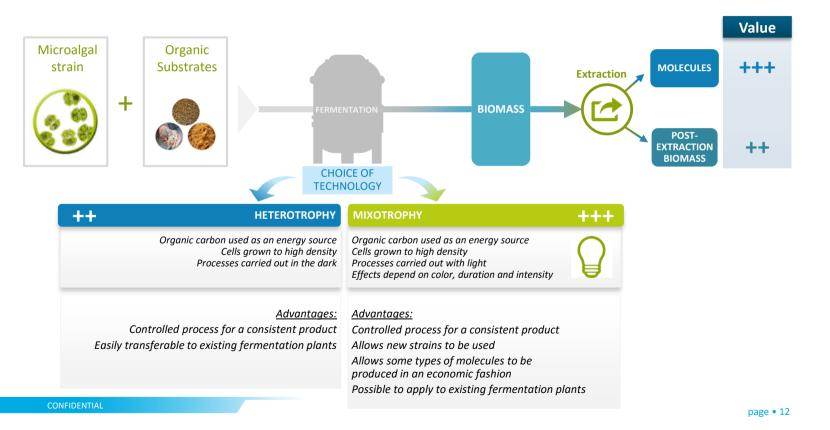
Fully integrated biotechnology platform From microalgae to products

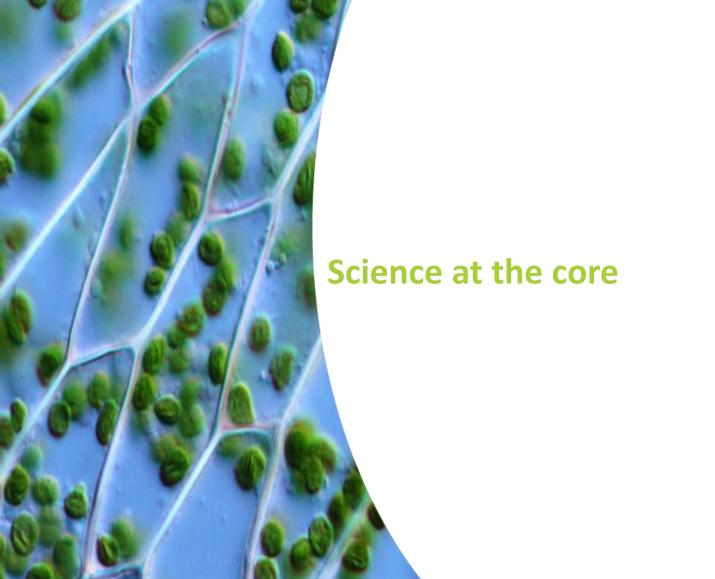




Unique proprietary technology

Heterotrophic and mixotrophic fermentation

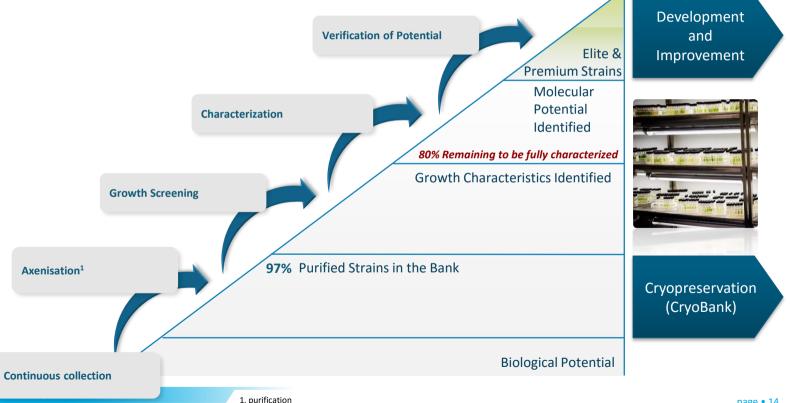






World-class private strain bank

Over 2,000 strains collected to date



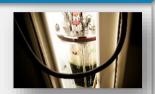


Strain optimization using natural properties as a base

Continuous strain improvement

Elite Strains

- Strains with the highest potential for conversion to products
- Transferred to fermentation development teams
- Highly characterized often to genetic level
- Master and Working Cryobanks made to ensure long-term availability of identical cell lines



Premium Strains

- Strains developed further to improve productivity and yield
- Gain beneficial characteristics not found directly in nature
- Strains become truly "ours", and provide a lead-time advantage
- Non-GMO techniques

Examples include

- Improved composition Marco Polo strain
- Changed sensitivity to light Bastille strain
- Improved use of substrates

Cryopreservation

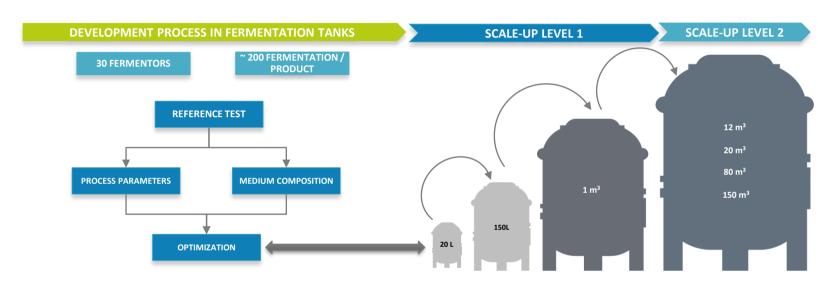
- Strains placed in liquid nitrogen or at -150°C
- Preserves characteristics for the long-term
- Over 50% of entire bank currently cryopreserved





Development process and scale-up phases

Poised for industrialization



PRODUCTIVITY / CONCENTRATION / OPTIMIZATION OF COST

IP PROTECTION & PROCESS BOOK

ANALYTICAL SUPPORT

5 ONGOING PROJECTS IN CURRENT PIPELINE

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2016 to date: key achievements



Organisation aligned & reinforced to deliver commercial strategy



Product launch strategy and pipeline set in place through to 2020



First products ready to market



Commercial partnership with Oleon (Avril Group)

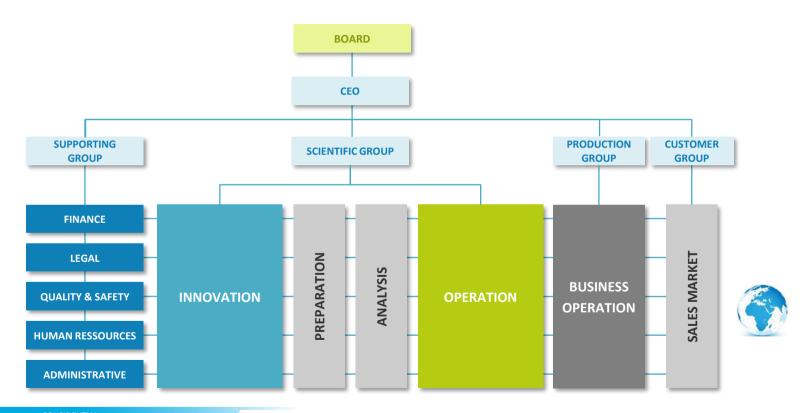


Industrial partnerships being finalized



Organization fit for purpose

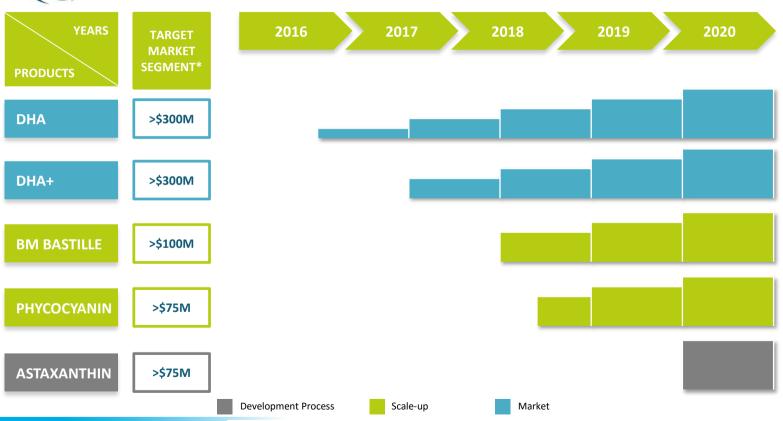
implemented in Q1 2016





Product pipeline

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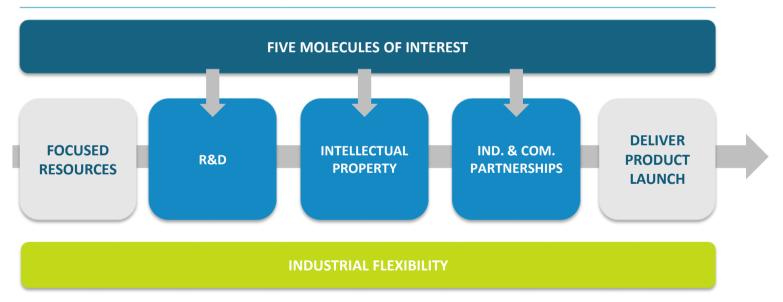


* Market Size is likely to evolve with time / based on external resources



Fermental Organisation to drive pipeline commercialization

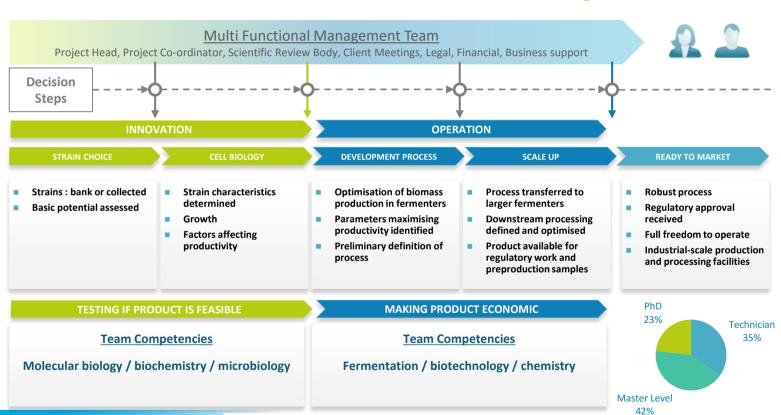






Integrated project execution platform

Focused and controlled execution through to commercialization





Process + Management = Products

Illustrations: project Marco Polo

A IDENTIFICATION

- Strain collected as part of a targeted collection program for this type of organism
- Quickly demonstrated high growth potential and attractive composition

B PROCESS DEVELOPMENT

- Integrated into existing program to replace other strains
- Best productivity to date
- Now being transferred to industrial production

c STRAIN ADAPTATION

- Strain improvement led to variant with higher proportion of DHA in its lipids
- This variant now undergoing process development as a new product

D IP PROTECTION

- Patent application for certain critical steps in production process
- Significant proprietary know-how on how to get best performance from these strains



MARCO DHA, POLO DHA+

KEY PROPERTIES/BENEFITS

- DHA is an essential fatty acid meaning that, for good health, it must be taken up form the diet. Implicated in brain development and eye health in particular
- DHA+ product has advantages for clients and end-users, and is market differentiated



- FERMENTALG'S COLLECTION TEAM HAVE THE CAPACITY TO PERFORM TARGETED COLLECTIONS TO ENSURE ACCESS TO PROPRIETARY STRAINS WITH SUPERIOR PROPERTIES
 - → FURTHER DEVELOPMENT OF THESE STRAINS CAN LEAD TO YET FURTHER PRODUCTS



Process + Management = Products

Illustrations: project Bastille

A IDENTIFICATION

- Strain identified as part of internal discovery program
- Screening and characterisation revealed high growth potential and highly interesting composition

B PROCESS DEVELOPMENT

- Ideal candidate for mixotrophic technology
- Rapid advances in productivity
- Now moving into Scale-Up phase

c STRAIN ADAPTATION

- Strain improvement program ongoing
- Several variants with higher productivity currently under test

KEY PROPERTIES/BENEFITS

D IP PROTECTION

- Three patent applications already lodged
- Cover compositions and processes



STRAIN PRODUCTS

BASTILLE

Phycocyanin, Protein-rich biomass

- Phycocyanin is one of the few natural blue pigments (and the only one currently accepted for food use)
- Protein rich biomass with antioxidant effects interesting for food and feed



- THE CONTINING DISCOVERY PROGRAM HAS THE POTENTIAL TO IDENTIFY OTHER STRAINS IN THE BANK WITH SIMILARLY HIGH COMMERCIAL POTENTIAL
 - → FERMENTALG'S STRAIN BANK HAS A SIGNIFICANT POTENTIAL THAT HAS YET TO BE FULLY TAPPED



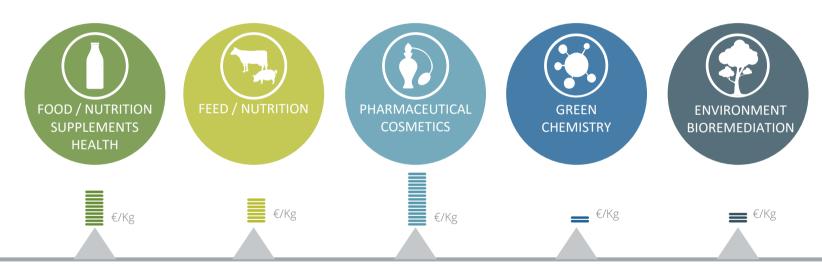
Poised to initiate production





Potential markets

Products development focused on high margin segments



CURRENT FOCUS (2016-2020)
5 PRIORITY PRODUCTS

POTENTIAL MARKETS
ONGOING RESEARCH







FOCUS ON DHA

Omega 3 - PUFA

Product development

Ready for scale-up

Product commercialization

Ready to sell

Commercial partnership signed with Oleon

Product manufacturing

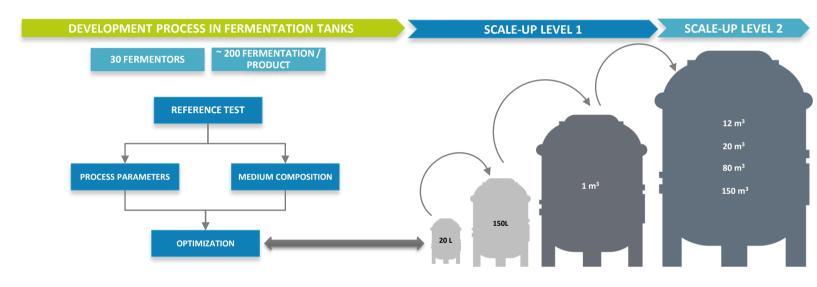
Ready to produce Industrial partnerships being finalized

First revenue in Q4 2016 / Q1 2017*



Product development

Ready for scale-up



PRODUCTIVITY / CONCENTRATION / COST OF OPTIMIZATION

COMPLETED Q2 2016 Q3

PROCESS BOOK

Analytical Support



Product commercialization Ready to sell

oleon



Part of Avril Group (7,200 collaborators in 22 countries)

Specialized in converting natural fats and oils into a wide range of oleochemical products

6 production plants (Europe & Malaysia)

End products exported to more than 100 countries

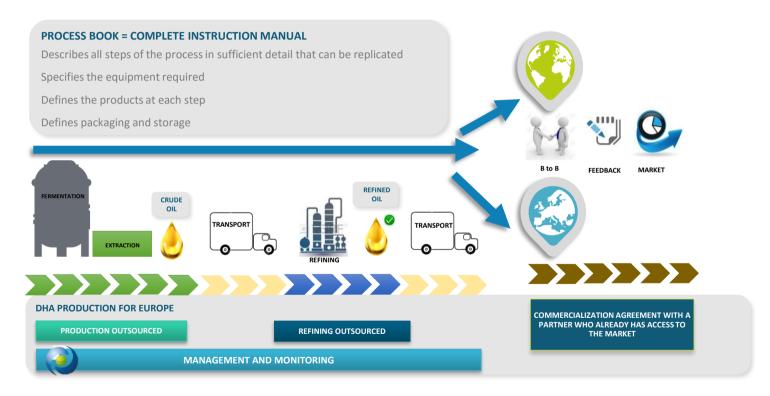
Multi-year & non exclusive agreement





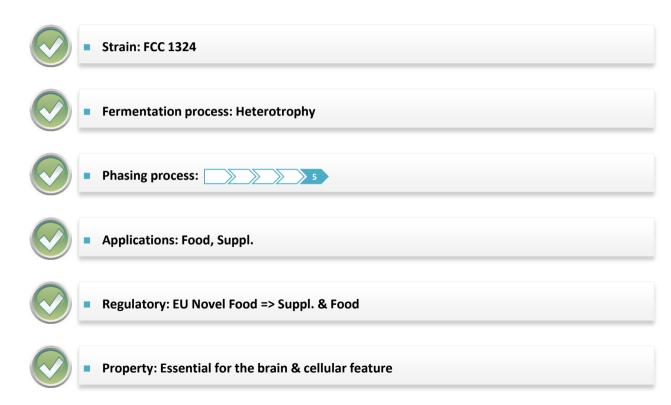
Product manufacturing

Ready to produce DHA





First revenue from DHA in Q4 2016 / Q1 2017

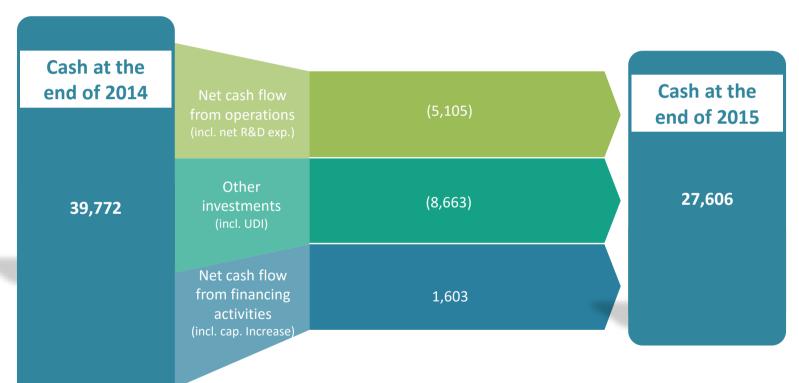






Financial position

adapted to implement the strategic plan





Key milestones expected

BUILD SCALE EXECUTE DELIVER

ACCELERATE GROWTH

- Execute DHA launch
- Execute DHA+ launch
- Strengthen innovation
- Complete manufacturing plant
- Establish international commercial footprint

- Roll-out pipeline
- Use UDI for high value products
- Continue to build scale
- Capture margins
- · Widen sales globally
- Invest in technology
 & Research to
 extend pipeline

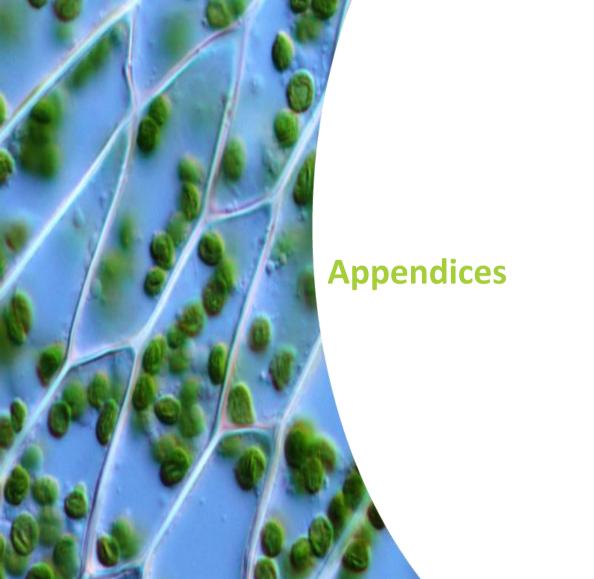
- Become the global biotech leader in extraction of natural molecules from microalgae
- Acquire technology with resources to optimize process
- Use scientific partnerships with major research centers to identify future targets and capture more of the value chain
- Territories to be explored with future partnerships



2016-2018

2018-2020

2020-2030





Shareholder information

BOARD OF DIRECTORS



Lats closing price: €3,30
 Market cap.: €40 M
 Nombre de titres : 12.089.519

■ Daily average turnover: >€60,000



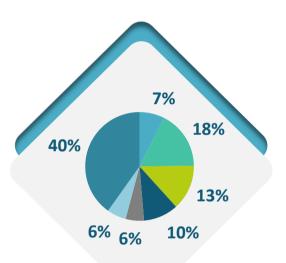


- Pierre Calleja (Chairman)
- Demeter Partners represented by Stephane Villecroze
- Emertec Gestion represented by Bernard Maitre
- Bpifrance Investissement represented by Gilles Schang
- Agnès Paillard (Independent)

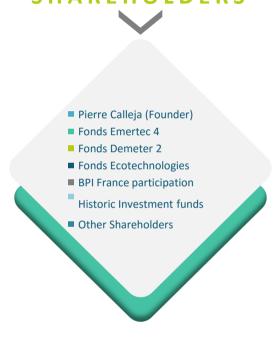


Shareholding structure

SHAREHOLDERS









Andrew ECHATTI

- CEO since December 2015
- CFO from August to December 2015
- Occupied senior positions in Europe and the US with Gilead Sciences, Bausch & Lomb and The Coca-Cola company
- MBA degree (Ghent University in Belgium) and Executive degree (The Chicago Booth Management of Business)

Hywel GRIFFITHS

CSO (Chief Scientific Officer)

- CSO since September 2015
- VP R&D from August 2014 to September 2015
- Former Chief Scientific
 Officer for Photonz
 Corporation, a New Zealand
 biotechnology company
 specializing in the
 production of EPA from
 microalgae from 2005 to
 2014
- PhD in Molecular Microbiology (University of Cambridge)

Sonia Da ROCHA GOMES

Head of R&D Project Execution

- Executive and scientific manager at Novaptech, a Bordeaux biotechnology company specializing in development & innovation of Aptamers from 2008 to 2015
- Research investigator in molecular biology at the INSERM from 2006 to 2008
- PhD in Molecular Biology (University of Bordeaux)

Fabienne VAN DEN TORREN

International leadership team

Legal Counse.

- Legal Counsel (IP, Corporate Law) at Raymond Weil S.A., a Swiss company specializing in Luxury Horological from 2012 to 2015
- Legal Counsel (IP, Pharmaceutical Law) at OM Pharma S.A., a Swiss Biotechnology company specializing in the production and distribution of pharmaceutical products from 2005 to 2012
- Master's degree in Business Law (Pierre Mendès University in France)

Christine GIRARD -RAGHOONAUTH

RH Manaaei

- Manager of recruitment, in production site at Bristol-Myers Squibb-UPSA, a pharmaceutical industry, from 2009 to 2013
 - Manager of recruitment & communication HR at Danone, an agribusiness, from 2007 to 2009
 - International Development HR Manager at Faurecia, an automotive equipment manufacturer, from 2005 to 2006
 - Master's degree in Management HR (University of Paris-Dauphine in France)

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Income statement highlights

€ thousands - IFRS	2014	2015
Revenue	900	479
Other income (subsidies & research tax credits)	1,405	1,185
Total operating income	2,305	1,664
Net R&D expenses	-3,315	-3,096
Administrative and selling expenses	-2,343	-4,236
Total current operating expenses	-5,658	-7,332
Current operating income before share-based payments	-3,353	-5,668
Operating profit/(loss)	-4,370	-5,836
Net financial income/(expense)	335	541
Net tax income	14	0
Net profit (Group share)	-4,049	-5,288



Cash flow highlights

€ thousands - IFRS	2014	2015
Cash flow	-2,236	-4,130
Change in WCR	-173	325
Cash flow from operating activities	-2,409	-3,805
Capitalized R&D net of subsidies & tax research credits	-978	-1,300
Acquisitions of other tangible and intangible assets	-2,742	-8,407
Other capital expenditures	25	-256
Cash flow from investing activities	-3,695	-9,963
Capital increase	37,774	727
Other financial inflows	894	876
Cash flow from financing activities	38,668	1,603
Change in cash position	32,564	-12,165



Consolidated balance sheet

at December 31

€ thousands	2014	201E	-
IFRS	2014	2015	4

Non-current assets	11,645	20,349
o/w intangible fixed assets	2,953	4,241
o/w property, plant and equipment	5,042	12,455
o/w deferred tax assets	3,303	3,302
Current assets	41,470	33,006
o/w cash	39,830	28,506
TOTAL ASSETS	53,386	53,355

2014	2015
------	------

48,790	44,380	Shareholders' equity
2,378	3,258	Non-current assets
2,007	2,902	o/w financial assets
2,217	5,717	Current liabilities
58	900	o/w bank overdrafts
0	0	o/w other financial liabilities
53,385	53,355	TOTAL EQUITY AND LIABILITIES