

## Addendum

### CONSORTIUM AGREEMENT TOWARDS BIOSOLAR CELLS I

#### THE UNDERSIGNED:

1. The foundation **STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK (DLO)** established in Wageningen, whose registered office is at Droevendaalsesteeg 4 (6708 PB) Wageningen, duly represented in this matter by 5.1.2e 5.1.2e and 5.1.2e 5.1.2e  
5.1.2e
2. **WAGENINGEN UNIVERSITEIT (WAGENINGEN UNIVERSITY)**, having its registered office in Wageningen and principle place of business at Droevendaalsesteeg 4 (6708 PB) Wageningen, duly represented in this matter by 5.1.2e  
5.1.2e 5.1.2e
3. **RIJKSUNIVERSITEIT GRONINGEN (UNIVERSITY OF GRONINGEN)**, having its registered office in Groningen and principle place of business at Broerstraat 5 (9712 CP) Groningen, duly represented in this matter by the 5.1.2e  
5.1.2e 5.1.2e
4. **TECHNISCHE UNIVERSITEIT DELFT (DELFT UNIVERSITY)**, having its registered office in Delft and principle place of business at Lorentzweg 1 (2628 CJ) Delft, duly represented in this matter by 5.1.2e
5. **UNIVERSITEIT VAN AMSTERDAM (AMSTERDAM UNIVERSITY)**, having its registered office in Amsterdam, The Netherlands, and its principal place of business regarding this agreement at het Maagdenhuis, Spui 21, (1012 WX) Amsterdam (“UvA”), duly represented in this matter by 5.1.2e  
5.1.2e
6. **UNIVERSITEIT LEIDEN (LEIDEN UNIVERSITY)**, having its administrative office at Rapenburg 70, (2300 RA) Leiden, The Netherlands, hereinafter referred to as “LU”; duly represented in this matter by Dr. Willem te Beest, Board Member;
7. **UNIVERSITY OF TWENTE**, having its registered office in Enschede, The Netherlands, and its principal place of business regarding this agreement at the Faculty of Science and Technology (TNW), BFD, Carré, Drienerlolaan 5, 7522 NB Enschede, the Netherlands, duly represented in this matter by the 5.1.2e  
5.1.2e
8. **VRIJE UNIVERSITEIT AMSTERDAM (VU UNIVERSITY AMSTERDAM)**, having its registered office in Amsterdam, The Netherlands, and its principal place

of business regarding this agreement at De Boelelaan 1083a, (1081 HV) Amsterdam, duly represented in this matter by [REDACTED] 5.1.2e

5.1.2e

9. **HAS DEN BOSCH**, having its registered office in Den Bosch, The Netherlands, and its principal place of business at Onderwijsboulevard 221 (5200 MA), 's-Hertogenbosch, duly represented in this matter by [REDACTED] 5.1.2e

5.1.2e

10. **ALGAECOM V.O.F.**, having its registered office in Eelde and its principal place of business at Hoofdweg 101 (9761 EC) Eelde, duly represented in this matter by [REDACTED] 5.1.2e

5.1.2e

11. **ALLIANDER N.V.**, having its registered office in Arnhem and its principal place of business at Utrechtseweg 68 (6812 AH) Arnhem, duly represented in this matter by [REDACTED] 5.1.2e

12. **BASF ANTWERPEN N.V.**, having its registered office at Scheldelaan 600, 2040 Antwerpen, Belgium, BTW BE 0404.754.472, RPR Antwerpen, duly represented by [REDACTED] 5.1.2e

5.1.2e

13. **BIOCLEAR B.V.**, having its registered office in Groningen and principal place of business at Rozenburglaan 13 (9727 DL) Groningen, duly represented in this matter by [REDACTED] 5.1.2e

14. **BIOMETHANOL CHEMIE NEDERLAND B.V. (BIOMCN)**, having its registered office in Farmsum, and its principal place of business at Oosterhorn 10 (9936 HD) Farmsum, duly represented in this matter by [REDACTED] 5.1.2e

15. **BIO-OILS ENERGY S.L.**, having its registered office in Madrid and its principal place of business at C/ Almagro 2, 4º Dcha, 28010 Madrid, duly represented in this matter by [REDACTED] 5.1.2e

16. **BRUKER NEDERLAND B.V.**, having its registered office and principal place of business at Bruynvisweg 18 (1531AZ in Wormer), duly represented in this matter by [REDACTED] 5.1.2e

17. **CELLULAC LTD**, having its registered office at Second Floor, Unit14, Galway Technology Park, Parkmore, Galway, Ireland, duly represented in this matter by [REDACTED] 5.1.2e

5.1.2e

18. **CULGI B.V.**, having its registered office in Leiden, and its principal place of business at Galileiweg 8, (2333 BD) Leiden, duly represented in this matter by [REDACTED] 5.1.2e

5.1.2e

19. **DESAH B.V.**, having its registered office in Sneek, and its principal place of business at Pieter Zeemanstraat 6, (8606 JR) Sneek, duly represented in this matter by [REDACTED] 5.1.2e
20. **DRIE WILGEN DEVELOPMENT B.V.**, having its registered office in Ellemeet and its principal place of business at Kuijerdamseweg 33 (4323 LB) Ellemeet, duly represented in this matter by [REDACTED] 5.1.2e
21. **DSM BIO-BASED PRODUCTS & SERVICES B.V.**, having its registered office in Delft, and its principal place of business at Alexander Fleminglaan 1, (2613 AX) Delft, Trade Register No. 27297493, duly represented in this matter by [REDACTED] 5.1.2e
22. **ECOFYS NETHERLANDS B.V.**, having its registered office in Utrecht and its principal place of business at Kanaalweg 15G (3526 KL) Utrecht, duly represented in this matter by [REDACTED] 5.1.2e
23. ~~**ENZA ZADEN RESEARCH AND DEVELOPMENT B.V.**, having its registered office in Enkhuizen and its principal place of business at Haling 1/E (1602 DB) Enkhuizen, duly represented in this matter by [REDACTED] 5.1.2e~~  
PARTY WITHDRAWN
24. ~~**EXXONMOBIL RESEARCH AND ENGINEERING COMPANY**, having its registered office in Annandale, New Jersey, USA, and its principal place of business at 1545 Route 22 East, Annandale, New Jersey 08801, duly represented by [REDACTED] 5.1.2e~~  
[REDACTED] 5.1.2e PARTY WITHDRAWN
25. **FEYECON DEVELOPMENT & IMPLEMENTATION B.V.**, having its registered office in Weesp and its principal place of business at Rijnkade 17a (1382 GS) Weesp, duly represented in this matter by [REDACTED] 5.1.2e
26. **GEA WESTFALIA SEPARATOR NEDERLAND B.V.**, having its registered office and its principal place of business at Hoogveld 16 (5431 NW) Cuijk, duly represented in this matter by [REDACTED] 5.1.2e
27. **HELIAE DEVELOPMENT, LLC**, having its registered office in Gilbert, Arizona, USA, and its principal place of business at 614 East Germann Rd., Gilbert, AZ, USA 85297, duly represented by [REDACTED] 5.1.2e  
and [REDACTED] 5.1.2e
28. **INCATT B.V.**, having its registered office in Amsterdam and its principal place of business at Science Park 904 (1098 XH) Amsterdam, duly represented in this matter by [REDACTED] 5.1.2e



29. **LIONIX B.V.**, having its registered office in Enschede and principal place of business at Hallenweg 6 (7522 NH) Enschede, duly represented in this matter by

5.1.2e

30. **NESTE OIL OYJ**, having its registered office in Espoo, Finland, and its principal place of business at Keilaranta 21, FI-02150 Espoo, duly represented by

5.1.2e

5.1.2e

and

5.1.2e

5.1.2e

31. **NIJHUIS WATER TECHNOLOGY B.V.**, having its registered office in Dinxperlo, and its principal place of business at Innovatieweg 4, (7007 CD) Doetinchem, duly represented in this matter by

5.1.2e

32. **PAQUES B.V.**, having its registered office in Balk, The Netherlands, and its principal place of business at T. de Boerstraat 24, 8561 EL Balk, duly represented by

5.1.2e

33. **PHILIPS ELECTRONIC NEDERLAND B.V.**, having its registered office in Eindhoven, and its principal place of business at Boschdijk 525 (5621JG) Eindhoven, duly represented in this matter by

5.1.2e

5.1.2e

34. **PHOTANOL B.V.**, having its registered office in Amsterdam, and its principal place of business at Roetersstraat 35 (1018 WB) Amsterdam, duly represented in this matter by

5.1.2e

35. **PLANT DYNAMICS B.V.**, having its registered office in Wageningen and principal place of business at Koningin Julianastraat 23 (6668 AG) Randwijk, duly represented in this matter by

5.1.2e

36. **PLANT-E B.V.**, having its registered office in Wageningen and its principal place of business at Tarthorst 823 (6708 JC) Wageningen, duly represented in this matter by

5.1.2e

37. ~~**POWERHOUSE**, having its registered office in Almere and its principal place of business at Straat van Florida 23 (1334 PA) Almere, duly represented in this matter by~~ 5.1.2e ~~PARTY WITHDRAWN~~

38. **PRODUCTSCHAP TUINBOUW**, having its registered office in Zoetermeer and its principal place of business at Louis Pasteurlaan 6, 2700 AG Zoetermeer, duly represented in this matter by

5.1.2e

39. **PROVIRON HOLDING NV**, having its registered office and its principal place of business at B-2620 Hemiksem, G. Gilliotstraat 60, duly represented in this matter by

5.1.2e



40. **ROQUETTE FRERES S.A.**, having its registered office and its principal place of business at Lestrem – 62136, France, duly represented in this matter by 5.1.2e

5.1.2e

41. **SAUDI BASIC INDUSTRIES CORPORATION (SABIC)**, a joint stock company organized and existing under the laws of Saudi Arabia and whose headquarters are at PO Box 5101, Riyadh 11422, Kingdom of Saudi Arabia, duly represented in this matter by 5.1.2e

5.1.2e

42. **SIMRIS ALG AB**, having its registered office in Simrishamn, Sweden, and its principal place of business at Varvsgatan 4, 272 36 Simrishamn, duly represented by 5.1.2e

43. **STICHTING WAAG SOCIETY**, having its registered office and its principal place of business at Nieuwmarkt 4, (1012 CR) Amsterdam, duly represented in this matter by 5.1.2e

44. **STAATSOLIE MAATSCHAPPIJ SURINAME NV**, having its registered office and its principal place of business at Dr. Ir.H.S. Adhinstraat 21, Paramaribo Suriname, duly represented in this matter by 5.1.2e

45. **SYNTHETIC GENOMICS INCORPORATED**, having its registered office in LaJolla, California, USA, and its principal place of business at 11149 North Torrey Pines Road, LaJolla, California 92037, duly represented by 5.1.2e

5.1.2e

46. **TOTAL ENERGIE DEVELOPPEMENT**, having its registered office in 24 Cours Michelet, 92800 Puteaux, France, and its principal place at the same address, duly represented in this matter by 5.1.2e

47. **UNILEVER RESEARCH AND DEVELOPMENT VLAARDINGEN B.V. (URDV)**, Olivier van Noortlaan 120, 3133 AT Vlaardingen, duly represented in this matter by 5.1.2e

5.1.2e

5.1.2e

hereinafter both together and individually also referred to as the “**Parties**”, respectively “**Party**”.

## WHEREAS:

- a. In 2010 Research Institutes and Commercial Parties have combined their expertise in specific areas of research in the field of photosynthesis research -

to improve photosynthesis in plants, algae and artificial systems for a sustainable conversion of solar energy into fuel and for the production of biomass with high yield – that has been carried out by Research Institutes in a Research Program under the name Towards 5.1.2e 5.1.2e and have come to a Consortium Agreement under the same name.

- b. The (former) Ministry of Agriculture, Nature and Food Quality has acknowledged the research activities described in the Research Program and has consequently granted a subsidy by means of a Subsidy Decision on July 22, 2010.
- c. In respect of the Consortium Agreement and in view of the Subsidy Decision the Parties have carried out research activities in accordance with the provisions of the Consortium Agreement.
- d. The subsidy based on the Subsidy Decision, initially terminating at 15 July 2015 has been postponed by Decision of 12 December 2013 until August 31, 2016 of the Ministry of Economic Affairs;

**HAVE AGREED AS FOLLOWS:**

- 1. Parties are familiar with and agree with the postponement of the term of the Subsidy until August 31, 2016.
- 2. All other terms and conditions of the Consortium Agreement remain in full force and effect until August 31, 2016.

**In witness whereof this Addendum has been executed and signed by**

1 STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK (DLO)

Signatures:

5.1.2e

5.1.2e

5.1.2e

Place / date: Wageningen / 23-09-2014



## 2 WAGENINGEN UNIVERSITEIT (WAGENINGEN UNIVERSITY)

Signature: -----

5.1.2e

5.1.2e

Place / date: -----

Wageningen / 23-09-2014

3 RIJKSUNIVERSITEIT GRONINGEN (UNIVERSITY OF GRONINGEN)

5.1.2e

5.1.2e

Signature: -----

5.1.2e

Place / date: -----

GRONINGEN,

18 SEP. 2014



4 TECHNISCHE UNIVERSITEIT DELFT (DELFT UNIVERSITY)

5.1.2e

5.1.2e

Signatur

5.1.2e

Place / date:

Delft, 7 November 2014



5 UNIVERSITEIT VAN AMSTERDAM (AMSTERDAM UNIVERSITY)

5.1.2e

Signature: -----

5.1.2e

Place / date: -----

*Amsterdam*

**- 6 MAART 2015**

6 UNIVERSITEIT LEIDEN (LEIDEN UNIVERSITY)

5.1.2e

Drs Willem te Beest, Board Member

Place / date: Leiden, 26-09-2014

7 UNIVERSITY OF TWENTE

5.1.2e

Signature: \_\_\_\_\_

5.1.2e

Place / date: \_\_\_\_\_

Enschede 9 okt 2014

University of Twente  
Faculty of Science & Technology  
P.O. Box 217  
NL - 7500 AE Enschede



8 VRIJE UNIVERSITEIT AMSTERDAM (VU UNIVERSITY  
AMSTERDAM)

5.1.2e

Place / date: Amsterdam, 13-01-2015

## 9 HAS DEN BOSCH

Signature: --  5.1.2e -----

 5.1.2e

Place / date: Den Bosch, 18/9/2014.

10 ALGAECOM V.O.F.

Signature: -----

5.1.2e

5.1.2e

Place / date: ----- 5 okt 2014 -----



11 ALLIANDER N.V.

5.1.2e

Signature: -----

5.1.2e

Place / date: -----

Arnhem, 23.3.2015

12 BASF ANTWERPEN N.V

Signature: \_\_\_\_\_

5.1.2e

5.1.2e

Place / date: \_\_\_\_\_

*Antwerpen 19.12.2014*

Signature: \_\_\_\_\_

5.1.2e

5.1.2e

Place / date: \_\_\_\_\_

*Antwerpen 19.12.14*

13 BIOCLEAR B.V.

5.1.2e

Signature: \_\_\_\_\_

5.1.2e

Place / date: \_\_\_\_\_

*Sraningen 22-09-2014*

14 BIOMETHANOL CHEMIE NEDERLAND B.V. (BIOMCN)

Signature: \_\_\_\_\_

5.1.2e

5.1.2e

Place / date: \_\_\_\_\_

15 Jan 2015

15 BIO-OILS ENERGY S.L.

5.1.2e


Signature


578

5.1.2e

Place / date: MADRID, 23 OCTUBRE 2014

16 BRUKER NEDERLAND B.V.

Signature:  5.1.2e

 5.1.2e

Place / date: Wormer, 27-10-2014



17 CELLULAC LTD

Signature

5.1.2e

5.1.2e

Place / date:

DUBLIN 20 OCTOBER 2014

CONFIDENTIAL

23/53

18 CULGI B.V.

Signature: -----

5.1.2e

5.1.2e

Place / date: Leiden 22-09-'14

19 DESAH B.V.

5.1.2e

Signa

5.1.2e

Place / date: 10 NOVEMBER 2014

20 DRIE WILGEN DEVELOPMENT B.V.

Signature: --

5.1.2e

5.1.2e

Place / date:

*Ellemat, 2-12-2014*

21 DSM BIO-BASED PRODUCTS & SERVICES B.V.

5.1.2e

5.1.2e

Place / date:

Delft, 11-3-2015

Signature


5.1.2e

5.1.2e

Place / date:

Delft, 11-3-2015

22 ECOFYS NETHERLANDS B.V.

Signature:  5.1.2e

 5.1.2e

Place / date: Utrecht, November 11, 2014



~~23 ENZA ZADEN RESEARCH AND DEVELOPMENT B.V.~~

**PARTY WITHDRAWN**

Signature: -----

5.1.2e

Place / date: -----



24 ~~EXXONMOBIL RESEARCH AND ENGINEERING COMPANY~~

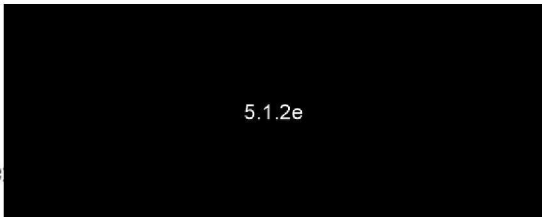
**PARTY WITHDRAWN**

Signature: -----

5.1.2e

Place / date: -----

**25 FEYECON DEVELOPMENT & IMPLEMENTATION B.V.**

Signature  5.1.2e

 5.1.2e

Place / date:  5.1.2e 1 8 DEC. 2014

**26 GEA WESTFALIA SEPARATOR NEDERLAND B.V.**

Signature: \_\_\_\_\_

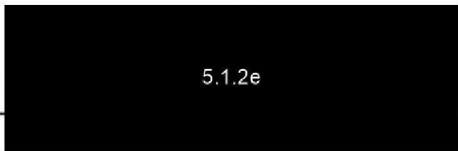
5.1.2e


5.1.2e

Place / date: \_\_\_\_\_

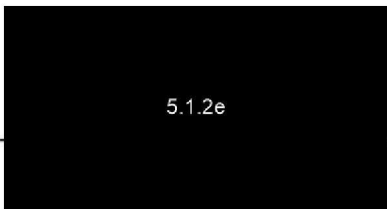
Cuik, 29-10-2014

27 HELIAE DEVELOPMENT, LLC

Signature: -----  -----

 5.1.2e

Place / date: ----- 03/11/2015 -----

Signature: -----  -----

 5.1.2e

Place / date: ----- 03/11/2015 -----

28 INCAT B.V.

5.1.2e

Signature: -----

5.1.2e

Place / date: -----

Amsterdam / 20-11-2014



29 LIONIX B.V.

**LioniX BV**  
PO Box 456  
NL-7500 AL Enschede  
The Netherlands  
[www.lionixbv.nl](http://www.lionixbv.nl)

Signature

5.1.2e

5.1.2e

Place / date:

*Enschede, September 26, 2014*

30 NESTE OIL

Signature: \_\_\_\_\_

5.1.2e

5.1.2e

5.1.2e

Place / date: Porvoo, 1.10.2014

31 NIJHUIS WATER TECHNOLOGY B.V.



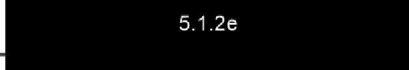
Place / date: Dordrecht, 06 maart 2015



6 maart 2015

5.1.2e

32 **PAQUES B.V.**

Signature: -----  -----

 5.1.2e

Place / date: ----- 18-12-2014 -----

33 PHILIPS ELECTRONICS NEDERLAND B.V.

Signature: -----  
5.1.2e

-----  
5.1.2e

Place / date: AMSTERDAM, NOVEMBER 7, 2014

**34 PHOTANOL B.V.**

Signature: 5.1.2e .....

5.1.2e

Place / date: Amsterdam 28-11-2014

35 PLANT DYNAMICS B.V.

5.1.2e

Signature: -----

5.1.2e

Place / date: -----

Randwijk, 24-9-'14





36 PLANT-E B.V.

Signature: -----

5.1.2e

5.1.2e

Place / date: -----

Wageningen, 19-9-'14

37 ~~POWERHOUSE~~

PARTY WITHDRAWN

Signature: -----

5.1.2e

Place / date: -----

38 PRODUCTSCHAP TUINBOUW

Signature  5.1.2e -----  
 5.1.2e

Place / date: 4-12-'14 Zoetermeer

39 PROVIRON HOLDING NV

Signat

5.1.2e

5.1.2e

Place / date: -----

23/09/2014

40 ROQUETTE FRERES S.A.

Signature: -----

5.1.2e

5.1.2e

Place / date: -----

*LeVern* 09/26/2014

41 SAUDI BASIC INDUSTRIES CORPORATION (SABIC)

Signature: ---

5.1.2e

5.1.2e

Place / date: ---

30 Oct. 2014

5.1.2e

42 SIMRIS ALG AB

5.1.2e


Signatur

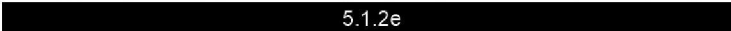
5.1.2e

Place / date:

*Annunzio 21/10-2014*

43 STICHTING WAAG SOCIETY

Signature: -----  
 5.1.2e

 5.1.2e

Place / date: Aartselaar, 29 septem 2014



44 STAATSOLIE MAATSCHAPPIJ SURINAME NV

5.1.2e

Signature: 5.1.2e

5.1.2e

5.1.2e

Place / date: 26/09/14

45 SYNTHETIC GENOMICS INCORPORATED

Signature: ----- 5.1.2e -----

5.1.2e


Place / date: La Jolla, CA (USA) / 24 February 2015

5.1.2e

CONFIDENTIAL

51/53

## 46 TOTAL ENERGIE DEVELOPPEMENT

Signature: -  5.1.2e

 5.1.2e

Place / date: ----- 6/3/2015 -----

47 UNILEVER RESEARCH AND DEVELOPMENT VLAARDINGEN B.V. (URDV)

Signature: -----

5.1.2e

5.1.2e

Place / date: -----

Vlaardingen, 9-12-2014

5.1.2e

Vlaardingen 16/12/2014.