



Agenda Smartgreen video meeting Sept 7, 2020

1. Approval of agenda
2. Status for last reporting round
3. Time line for next report (individual deadline Sept 15 **LWK/SDU**)
4. Status for ongoing experiments and results
5. Joint experiments including data collection
6. Outreach external information strategy
7. Extension of project (without funding or with extra application)
8. Next meeting (support board meeting)
9. Other topics

Impact form

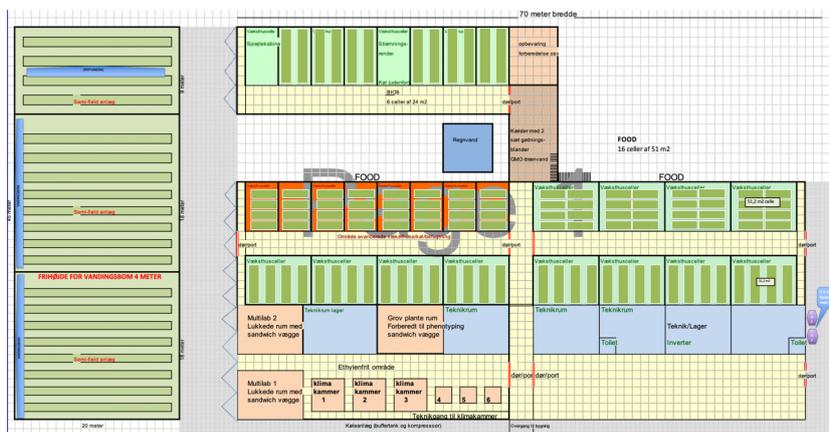
Interreg North Sea Region SMARTGREEN		SMARTGREEN Outputs Indicator Monitoring								
		Updated May 23 by ADLB								
		Reporting period 1 (01/09/17 - 30/06/18)	Reporting period 2 (01/07/18 - 31/12/18)	Reporting period 3 (01/01/19 - 30/06/19)	Reporting period 4 (01/07/19 - 31/12/19)	Reporting period 5 (01/01/20 - 30/06/20)	Reporting period 6 (01/07/20 - 31/12/20)	Reporting period 7 (01/01/21 - 30/06/21)	Reporting period 8 (01/07/21 - 31/08/21)	R#
Number of green products, services and processes piloted and/or adopted by the project										
Department of Food Science, Aarhus University		2	1						1 strategy/installation of LED for testing phase in Kalsbeek reducing energy use and reducing losses and speeding up growth processes. 2. Strategy/protocol for optimal composition during production of fish	Increased light level during production seems to increase the production
University of Southern Denmark		2	4	3					We have developed intelligent supplemental light strategies and new integration services	Below: (PCQ) elpba data to be used for weatherforecast service. First LED light control strategies. Energy elpba forecasts

Link to 5th round folder – drop report and uploads here – and add to the impact
<https://www.dropbox.com/sh/yhoj644tyhk2smc/AAdeJbQLWLFvsTYGstCyn7fYa?dl=0>

Video contest: <https://northsearegion.eu/about-the-programme/programme-news/video-contest-make-your-impact/>



It all started in excel (2014-5)

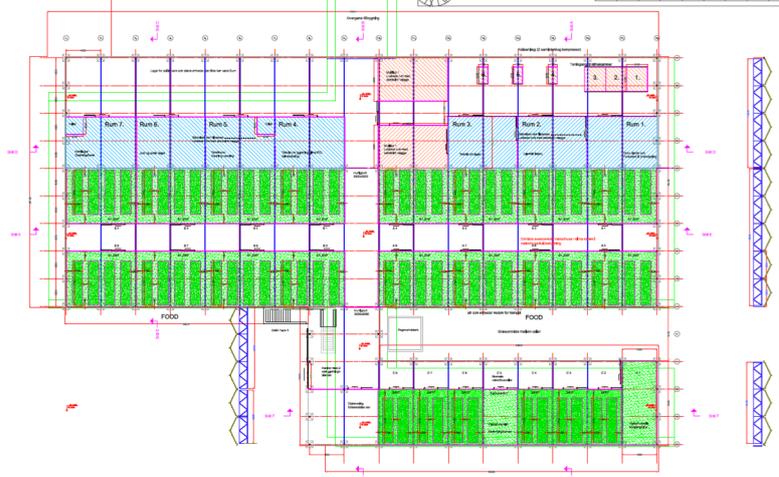


Call for quotes (2017)

OTE 48.00

VARER

TRAFI+CYKELP





Start 2019, ready oct 2019

12 Standard unit (48 m²)
LED, heat, humidification, CO₂
Temp delta ca. 20-40 C.
Central irrigation/fertilization
Diffuse glas in roof.
Diffust glas i topflader.
4 units for GMO (higher PFD and delta T)
Dense insulationscreens to avoid light pollution



Greenhouse compartment (265 micromol)





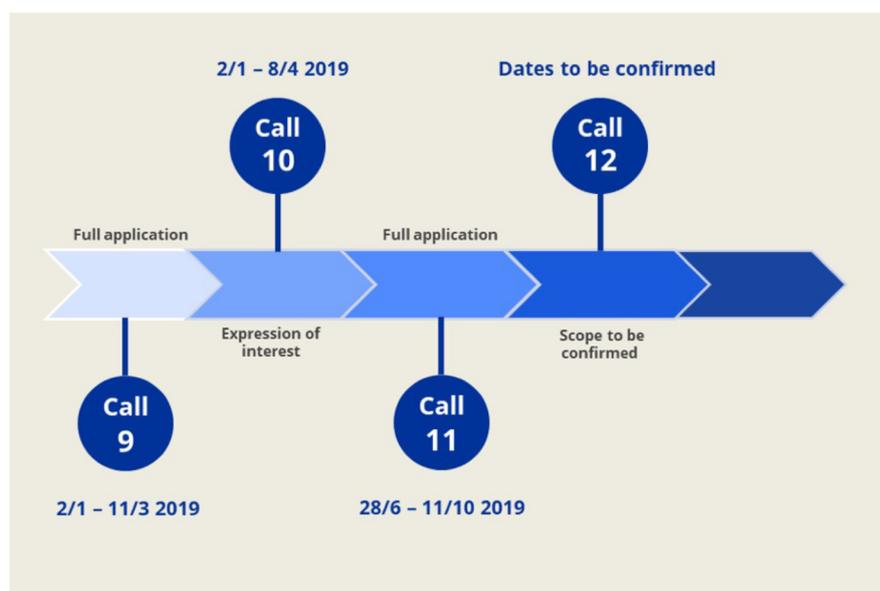
Experiments in action

- Effects of light and stress on Spinach – dumped due to heterogeneity
- Effects of stress and light on Kalanchoe
- Humidity and elevated CO2 and temperatures on Kalanchoe (to be repeated)
- Effects of spectra and UV in cucumber



Upcoming calls

Call 12 - decisions on the scope and timeline for this call are pending. Please watch this space for updates!



Time plan

Time plan for reporting		SMARTGREEN			
Project period: 8.6.17/1.9.17 - 31.1.22					
Submission date for Lead beneficiary to Interreg	Type	pre reporting meeting	Location	support group meeting	Date beneficiary needs to submit to Lead Beneficiary i
01 October 2018	Basic + financial (but NOT mandatory)	june	Lincoln	x	15. august 2018
01 April 2019	Full reporting incl. Finance	feb	Essen (presentations/outreach)	x?	15. Feb 2018
01 October 2019	Basic	June 25 2019	TNO in connection with GreenTech?	x	1. september 2019
01 April 2020	Full reporting incl. Finance	Feb 18 and 19.	Hannover (presentations/outreach)	x	15. Feb 2020
01 October 2020	Basic	late Aug	Aarhus, Denmark	x	Sept. 1. 2020
01 April 2021	Full report (perhaps we can avoid this)	feb	Stavanger		15. Feb 2021
01 October 2021	Basic	aug	PCG	x	?
01-01-2022 / 01-04-2022*	Final				