



Skype meeting M:\seaweed\15W-GROW MEETINGS\SKYPE_TEAMS MONTHLY\PERIOD 3 01_08_2020 TO 31_01_2012\SKYPE 26 AUGUST 2020\SW-GROW MINUTE SKYPE 26 AUGUST 2020.DOCX

Present

Andrew Mackenzie	Lews Castle College
Prof Lisbeth Truelstrup Hansen	Arktisk Teknologi Center, Greenland
Clíodhna Ní Ghríofa	Údarás na Gaeltachta, Na Forbacha, Co. na Gaillimhe
Dr Ronan Sulpice	NUI Galway
Ms Agnes Mols Mortensen	TARI – Faroe seaweed
Dr Angus Murray	Lews Castle College
Dr Roy Bartle	Lews Castle College
Prof Rúnar Unnþórsson	University of Iceland
Prof Francesco Gentili	Swedish University of Agricultural Sciences
Dr Calle Niemi	Swedish University of Agricultural Sciences

Apologies

Dr Alasdair Macleod	Lews Castle College, Stornoway
Jon MacLeod	An Lanntair

Minute

	ITEM	Comment	Decision	Task	Who?	By date
1.	Approval of minute of 30 July 2020	The minute was approved.	No matters arising.			
2.	Update on progress by person/organisation since last meeting at the end of July	Lews Castle College Roy Bartle: Andrew Mackenzie: Work package Management; Continuing to chase up FLC and finance claims – completed Period 1 Project Report. Have registered for the NPA 2020 Annual Event - Innovation for smart and resilient communities (http://www.interreg-npa.eu/events/npa-2020-annual-event-innovation-for-smart-and-resilient-				









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	<u>communities/</u>) be held on 23 Grow at the beginning of the <i>increase business opportuniti</i> <i>sustainable/circular business</i> <i>markets opportunities?</i> So II with Partners to decide who Have discussed with Richard improved with clearer separa to all Partners. Agreed a fee questionnaire and Press Rele Keeping an eye on the COVID Inverness to finalise the prop	session to start a discussio es in the bio-based industry ideas based on natural reso have included this in the re- will take part. (Andrew) Searle (Scottish Seaweed In ition between Cultivation a of £400 for the Scottish Sea ase to their members. -19 situation re travel restr	n about: what kind ?? What are the path purces? What are the gistration. Arrange a ndustry Association) nd Harvesting quest aweed Industry Associations rictions for a meeting	of innovation a/avenues to p e trends or wh a virtual meeti how the ques ions – revised ciation to circ g in October ir	is desirable to bursue for increasing here are potential ing nearer the time tionnaire could be questionnaire sent ulate the
	Roy Bartle Work package T1.2.1 Drying Finished drying curves and iso demonstrate this work and p analysis This might make a r in the Journal of Phycology). – because of preparatory wo on 11 September at Lews Cass temperature and air velocity Angus Murray	systems. otherms for both seaweed ublish. Hoping to be able t nice paper because it would Samples also sent to Swed rk being done. It is hoped t ttle College that will precise on the drying kinetics of se	species. In the last r o send some more s I combine the drying en but no analysis of hat work on building ely evaluate the effect aweed species.	nonth prepari amples to Lisb aspects with f these is poss g a full-sized d cts of relative	beth for nutritional nutrition (possibly ible at the moment rying rig will start humidity, air
	Work package C Has been an includes the number of hits c generated every month and t	on the site, number of uniqu	ue users and where t	they are from.	







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	Swedish University of	Agricultural Sciences	·				
	Dr Calle Niemi						
	-	Doing extensive literature research to determine protein and micro algal methods and working on a protocol					
	-	to accurately measure proteins in micro algae but will need samples of Dulse (Palmaria Palmata) from					
		Partners. Agnes agreed to send freeze dried and oven dried product. Calle has now obtained a machine for					
	· · · ·	disrupting cell walls and a refrigerated centrifuge for protein analysis. An Lanntair No information available.					
	No information availab						
	Arktisk Teknologi Cent	Arktisk Teknologi Center, Greenland Some samples were meant to be sent from Greenland to NUI and SLU – to be chased up. Been working on					
	•						
		samples received from the		-			
	-	experiment with Saccharina and Alaria and are finding large differences in the way that they ferment. The					
		drying experiments have probably been postponed until next year because of restrictions on travel to					
		Greenland. Lisbeth to discuss with Calle the best way to analyse samples from Roy – Proteins, fats,					
		carbohydrates etc.					
		TARI – Faroe seaweed Still taking water and bacterial samples from the fjord and looking at nutrient content. The idea was to ma an assessment of certain parameters at different times of the year, but the problem is that the crop is contaminated with snails and other marine invertebrates so sending samples for analysis will not be possil Some more field trips will be undertaken to see how the nutrients are changing with time. Samples will be gathered from two more locations and sent to Ronan.					
	-						
	• • •	Looking to progress work on the pilot at Fámjin with Roy with the theme "how to build a green hatchery" is hoped to include the municipality of Fámjin in this project – but this will make it more complex. The					
	•	be selected based on w			•		
		Discussions will be held w			•		
	0			en our own luea	s are clearer but		
	Údarás na Gaeltachta	TARI's aim is to run completely on "green" power.					
		hared resource for all the	Partners and "Dronho	y" was selected a	as the most suitable		
	-	ion (per user) and the ide					
	-	 Working on a presenta 			-		
	e-mail will be selft soor	i. working on a presenta	uon on the work packa	ges for online co			







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		Seagriculture 2020, 9th International Seaweed Conference, "Seaweeds: supporting the European Green					
		Deal", 24 - 25 September 2020. We need to move on with the questionnaire – Clíodhna happy to lead on this.					
			Clíodhna is happy to send seaweed samples to Calle (Action: Calle to send Clíodhna an e-mail stating what quantity is required, packing instructions and address).				
			instructions and address).				
		NUI Galway	untion NULL Column will be	of Calaim for pariod	2 Thou have	boon doing a little	
		Because of the COVID-19 situ	-		-	-	
		analysis of samples, but noth beginning of September. A p		•			
		they come from, and Ronan	-				
		University of Iceland			C 2.1/.		
		Been working on the design of	of a drying cabinet and in t	he process of starting	to make one	based on	
		geothermal heat to make pe					
3	Website status	See above.					
5	Questionnaire	It was felt that there needs	Agreed to set up a sub-	Convene meeting	Clíodhna	As soon as	
		to be a re-structure of the	Committee comprising	to discuss other		possible.	
		questionnaire and probably	Clíodhna, Ronan, Jon,	questions like		F	
		move to an on-line	Andrew and Roy.	"quality of			
		questionnaire.	Possibly consider two	product" and			
			different	what does the			
			questionnaires and	consumer want?			
			how can we engage				
			with the end user?				
6.	Face-to face meeting	Considered not possible at	Wait another month to				
		the moment with COVID-	see if COVID-19				
		19 restrictions.	restrictions are relaxed.				







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Summary of Actions

ACTION	WHO	WHEN
Develop a plan to deal with the commercial aspects of end use. Possibly set up a separate group led by Jon.	Clíodhna, Jon.	Before 30 September 2020
Convene meeting to discuss other questions in the questionnaire, like "quality of product" and what does the consumer want?	Clíodhna	As soon as possible
Arrange a physical meeting between Lews Castle College staff, Steve Husband and Jon to discuss a pilot – in the next couple of months.	Andrew	As soon as possible
Consider organising a face-to-face meeting in October to finalise the proposal to have a Project Plan for all work packages (to replace the cancelled Greenland meeting). Keep an eye on the COVID-19 situation re travel restrictions for a meeting in October in Ireland or Inverness.	Andrew	As appropriate
Register for the NPA 2020 Annual Event - Innovation for smart and resilient communities (<u>http://www.interreg-npa.eu/events/npa-2020-annual-event-innovation-for-smart-and-resilient-</u> <u>communities/</u>) be held on 23rd September 2020.	All	Before 11 September 2020
Send in any pictures or information that Clíodhna can use on the various media channels.	All	As appropriate
Gather samples from two more locations in Faroe and send to Ronan.	Agnes	As soon as possible
Discuss with Calle the best way to analyse samples from Roy – Proteins, fats, carbohydrates etc.	Lisbeth	When appropriate
Send Clíodhna an e-mail stating what quantity of sample is required, packing instructions and address	Calle	When appropriate

Next meeting:

Skype Wednesday 30 September 2020





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