

Teams meeting

M:\SEAWEED\1SW-GROW MEETINGS\SKYPE_TEAMS MONTHLY\PERIOD 3 01_08_2020 TO 31_01_2021\TEAMS 6 JANUARY 2021\SW-GROW MINUTE TEAMS 6 JAN 2021 MOD.DOCX

Present

| | |
|--------------------------------|-----------------------------------------------------|
| Andrew Mackenzie | Lews Castle College |
| Clíodhna Ní Ghríofa | Údarás na Gaeltachta, Na Forbacha, Co. na Gaillimhe |
| Dr Ronan Sulpice | NUI Galway |
| Dr Masami Inaba | NUI Galway |
| Dr Agnes Mols Mortensen | TARI – Faroe seaweed |
| Prof Francesco Gentili | Swedish University of Agricultural Sciences |
| Prof Lisbeth Truelstrup Hansen | Arktisk Teknologi Center, Greenland |
| Prof Rúnar Unnþórsson | University of Iceland |
| Jonas Steenholdt Sørensen | Arktisk Teknologi Center, Greenland |

Apologies

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|---------------------|---------------------------------------------|
| Dr Angus Murray | Lews Castle College |
| Dr Roy Bartle | Lews Castle College |
| Dr Alasdair Macleod | Lews Castle College, Stornoway |
| Jon MacLeod | An Lanntair |
| Dr Calle Niemi | Swedish University of Agricultural Sciences |

Minute

| | ITEM | Comment | Decision | Task | Who? | By date |
|----|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------|--------|---------|
| 1. | Approval of minute of SW-GROW Skype Meeting 25 November 2020 | The minute was approved. | No matters arising. | Send to Angus for uploading to website | Andrew | Done |
| 2. | Matters arising from 25 November 2020 meeting | ACTION: Andrew to arrange meeting with Lews Castle College, Clíodhna, Ronan and Jon for Wednesday 2, December 2020 at 2 PM GMT - completed ACTION: Jon to send a link to all Partners to Seaweed and Co website - outstanding Action-Ronan to send link for the preprint to all partners on sea lettuce - outstanding | | | | |
| 3. | Progress with Period 2 reports | It was emphasised that we were reaching the end of Period 3 – so reports for Period 2 should be completed as soon as possible. Some Partner reports have been completed and submitted for Period 2. | | | | |

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| | Item | Information |
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| 4. | Update on progress with work packages | <p>Lews Castle College Andrew Mackenzie: Work package Management. Responding to queries from Partners and the NPA. Working on reports and liaising with colleagues at Lews Castle College , but with Christmas and New Year it has been a relatively quiet time. Some progress has been made with the drying system at Lews Castle College, but limited access during the COVID-19 pandemic has made progress slow.</p> |
| | Update on progress with work packages | <p>Swedish University of Agricultural Sciences Work package 2.6.1 There has been limited activity during the festive period, but some chemicals have been received to suppress interference during protein quantification. Some discussions have taken place with the Department of Forest Genetics and Plant Physiology - biopolymer platform at the Umeå Plant Science Centre, where some sugar analysis has been done to meet a particular standard - so they will order details of the standard and this will allow them to analyse sugars that are of interest in the project. Waiting to receive some algae samples from ARTEK, who may be experiencing some logistics problems at the moment. Access to the lab is also very difficult with only 2 people being allowed in at one time, so this will influence the practical work that can be done, but it has been possible to mitigate this to some extent by using other parts of the University. Although promised, samples from Gothenburg have not yet been received.</p> |
| | Update on progress with work packages | <p>An Lanntair Work Package T2.6 Characterisation T2.2 Development of Brand identity Apology</p> |
| | Update on progress with work packages | <p>Arktisk Teknologi Center, Greenland Work package T21.1 Samples are due to be sent out from Sweden to Ireland as soon as possible. In the planning phase for this year's harvest in Greenland to see what works best in for drying and, perhaps, fermenting or freezing.</p> |

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| | Update on progress with work packages | <p>TARI Work package 1 Presentation given at the ALGET 2 Webinar in December 2020 about her findings in Alaria esculenta growing on two different locations on the same fjord, from spore to dinner plate - focusing on growth, content, food safety and food quality. Agnes has made some progress with seeking additional funds for installing a water turbine by approaching an organisation that can invest and/or lend money. The company were very interested, but needed a second partner to put in the same amount as they were willing to do - Agnes is pursuing the idea of using a bank as such a second partner. So, it looks as if the bank is positive, that a financial solution could be found to fund this project. Things look fairly positive, but nothing has been signed off-as yet.</p> |
| | Update on progress with work packages | <p>Údarás na Gaeltachta Work package T2 1.1 Shared infrastructure COVID-19 restrictions are impeding progress. Currently, there are two locations that would be suitable, but the one that is “ready to go” is not an ideal location and for the second location they are waiting for a business proposal to allow them to grant them the premises. Either way, this project is likely to go ahead and the next steps would be to agree protocols for suitable use.</p> |
| | Update on progress with work packages | <p>NUI Galway Work package T2.2 The Team have found single nucleotide polymorphisms (SNPs) from Palmaria reads and performed a principal component analysis (PCA) on the SNPs. The results show a perfect separation of the location. So the approach works, but it would be great if Partners could send more fresh samples, especially from other locations, including Great Britain, Iceland, Greenland, Canada, France, etc. This is quite a significant breakthrough and could be very useful in work to develop the NPA seaweed brand. When sending samples, is better to send fresh (not frozen) but frozen is better than dried. The fresh samples should be chilled and sent by the fastest possible means. But it is important, when sending samples, to contact NUI Galway first to make sure that they can be received quickly and preserved in the freshest state possible. Guidelines on this method have already been sent to all partners. By the end of January the full genome for Palmaria palmata should be available – but later for Alaria esculenta.</p> |

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| | Update on progress with work packages | University of Iceland Samples of seaweed should be easily available and could be sent to partners. There has been little progress over the festive period, but some work has been done on the drying Cabinet and they are looking into other ways of recirculating heat. |
| 5. | Results from questionnaire | The response to the questionnaire has been disappointing but analysing the existing responses will give an insight into the needs of those SMEs who responded. Clíodhna to do the analysis. From a quick analysis it seems that there is interest in improved drying methods (although perhaps at a later time) and strong interest in DNA analysis. |
| 6. | Progress with pilot projects to be delivered. | Already covered. |
| 7. | E-mail from Michela Gaifami | Feedback from Michela was discussed with the Team. Both ARTEK and SLU have budgeted amounts under the Infrastructure budget line, which should be moved to Equipment based on the cost items descriptions. Michela Gaifami has discussed this with ARTEK already, but did not communicate directly with SLU. Unless the partners intend to allocate these resources to other budget lines, she will move them directly in eMS once the AF will be opened for modification. She also requested details of the pilot projects planned for Lews Castle College, TARI and University of Iceland (these have been provided) A 2-month extension to the project has been requested for the SW-GROW partnership that would extend the work until 30 September 2022, which would mean that by this date all payments must be made. Any payments beyond this date would be eligible and the new final report deadline cannot exceed 31 December 2022. We also need to ensure that the NPA and EU flag logo on absolutely everything that we produce in the public domain (pens, other promotional material). |

Next meeting:

Teams Wednesday 27 January 2021 at 1pm (UK time)