



UiT The Arctic University of Norway



HOTBIO

A HORIZON EUROPE MSCA DOCTORAL NETWORK

HotBio

*- A Holistic Approach to Training a new
Generation of Scientists in Marine Biodiscovery*

A MSCA Doctoral Network

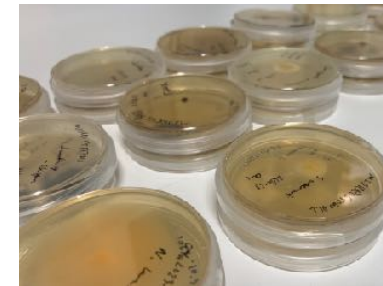
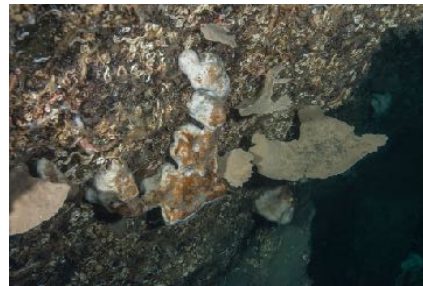
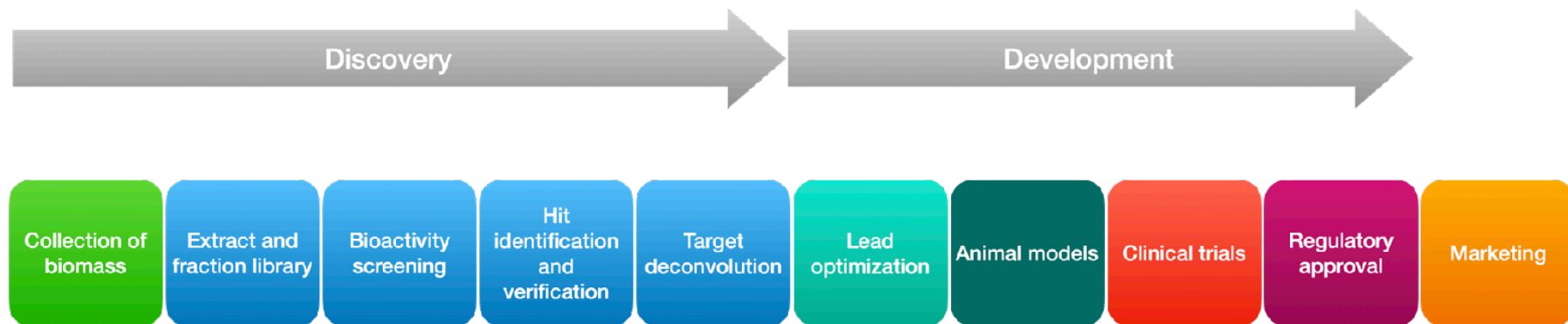
Prof. Espen Holst Hansen

Marbio

Agenda

- Background and scientific concept
- Proposal
- Budget
- Implementation
- Recruitment

Marine biodiscovery



Background and scientific concept

- Building on a previous project
 - MarPipe – ITN project 2017-2021
- Applied in 2021 for a MSCA Doctoral Network
- Project period 2023-2026
- Interdisciplinary
 - Marine biology/ecology
 - Microbiology
 - Biology/cell biology/biochemistry
 - Analytical chemistry/synthetic chemistry
 - Pharmacology
 - Law
 - Business development
- Develop pipeline, focus on downstream processes
 - Include new tools, approaches

Proposal (1)

- Hired an assistant that contributed to the organization and writing
- Building the consortium
- 10 partners
- 8 countries
 - 3 partners not beneficiaries
 - Switzerland – Swiss State Secretariat for Education, Research and Innovation (SERI)
 - UK – UK Research and Innovation (UKRI)
- 13 DCs
- Mix of academic and industrial partners

Proposal (2)

- Employability of the DCs - secondments and training
- Secondments
 - Project partners
 - Associated partners (industry)
- Difficult to plan secondments when writing the proposal
- Training component is important
- Only three years funding for the DCs
 - careful planning of research projects
 - finding the right candidates

Budget

- 36 PMs for each DC
- Contribution for recruited researchers
- Institutional contributions
 - Research, training and networking
 - Management and indirect costs
- No funding dedicated for management of the project
 - 20% of 'Management and indirect costs'
 - Project manager from host University
- No funding dedicated for training activities
 - DCs pay from 'Research, training and networking costs'

Implementation

- Change in status of UK partner
- Consortium agreement – academic and industrial partners
- Recruitment is critical
 - Start early
 - Completed by Month 7
- Three years for a PhD – important to have the right background
- PhD awarding entity
- Physical meetings
 - First training course early
 - Ample time for social activities
- Planning of secondments
- Interactions between the research projects
- Supervisors with project partners



Recruitment

- No centralized recruitment process
- Follow procedures of the individual host institutions
- Comply with the EU “Code of conduct for recruitment”
- Common text used for the announcement of the positions
- Started the process early
- Announced
 - EURAXESS
 - National platforms
 - Network
- Share information of candidates within the consortium
- DCs
 - 8 from Europe
 - 3 from Asia
 - 2 from America

Concluding remarks

- Budget
 - Management
 - Training
- Proposal
 - Training
- Recruitment
 - Start early

www.hotbio.eu