



Ocean energy projects in H2020 WP





Overview

- About Ocean Energy Europe
- Ocean energy in 2014-2015 work programme
- Ocean energy in 2016-2017 Low Carbon Energy work programme
- Ocean energy in other work programmes
- Tips



About Ocean Energy Europe

5 Resources, 5 Technologies, 5 opportunities

Tidal stream



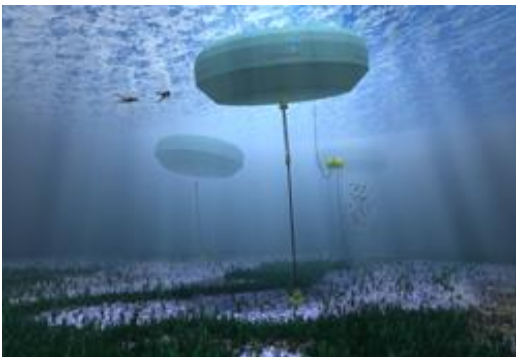
Ocean Thermal Energy Conversion



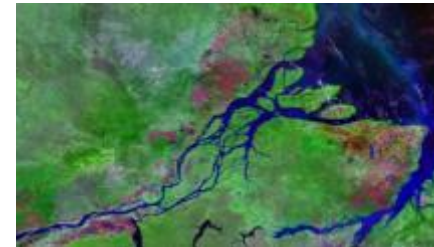
Tidal range



Wave



Salinity gradient





About Ocean Energy Europe

Lead Sponsors

ALSTOM



DCNS

ENGIE



SCOTTISH
DEVELOPMENT INTERNATIONAL


SCOTTISHPOWER

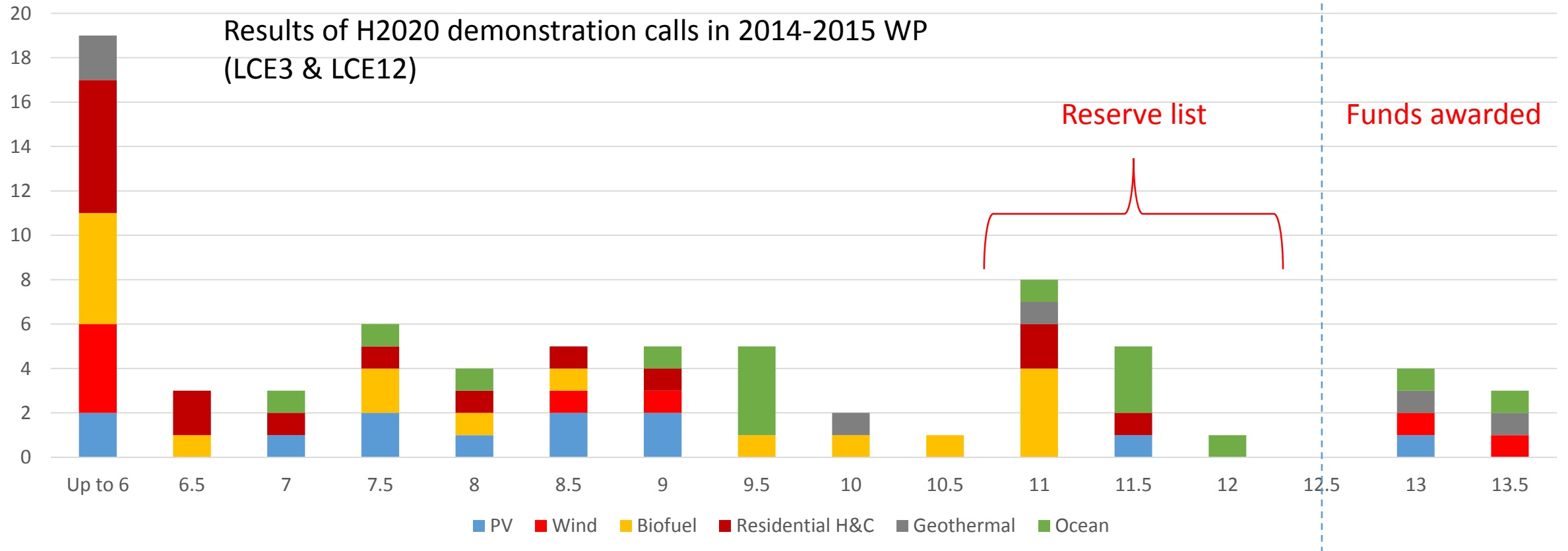
SIEMENS


ouest
NORMANDIE
Energies marines



Ocean energy in 2014-2015 work programme:

Ocean energy projects correspond to criteria

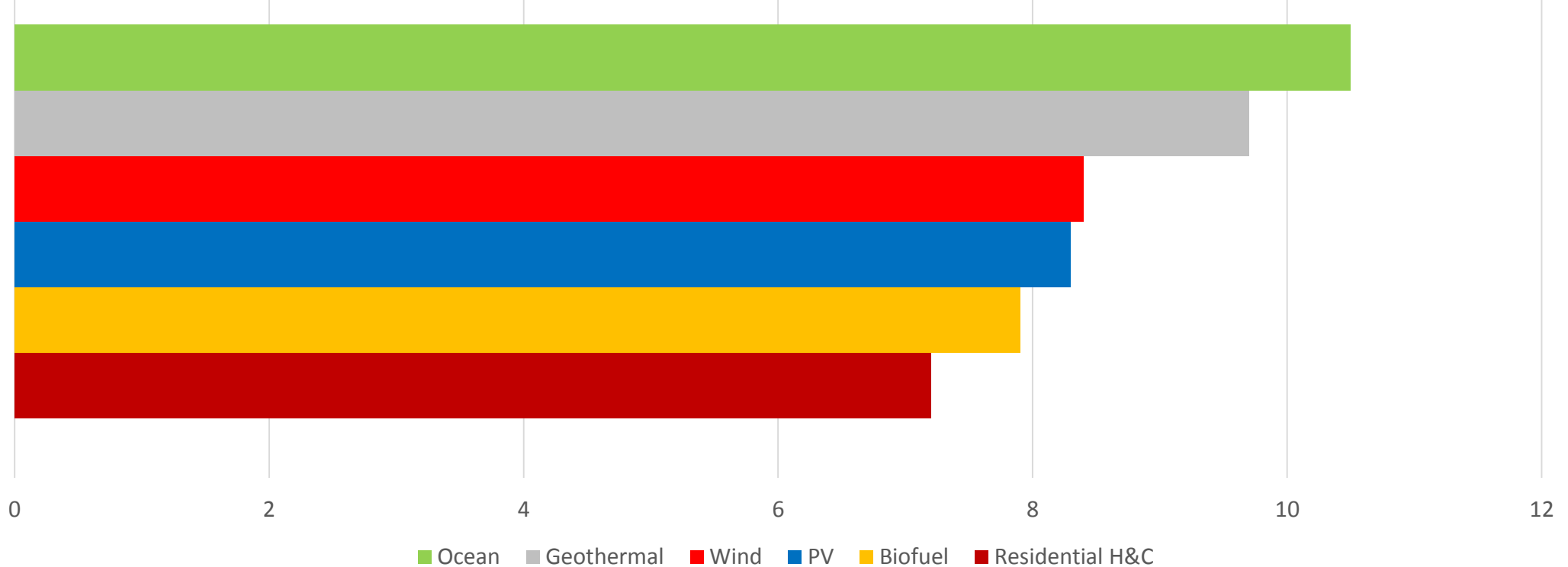




Ocean energy in 2014-2015 work programme:

Ocean energy highest scoring technology

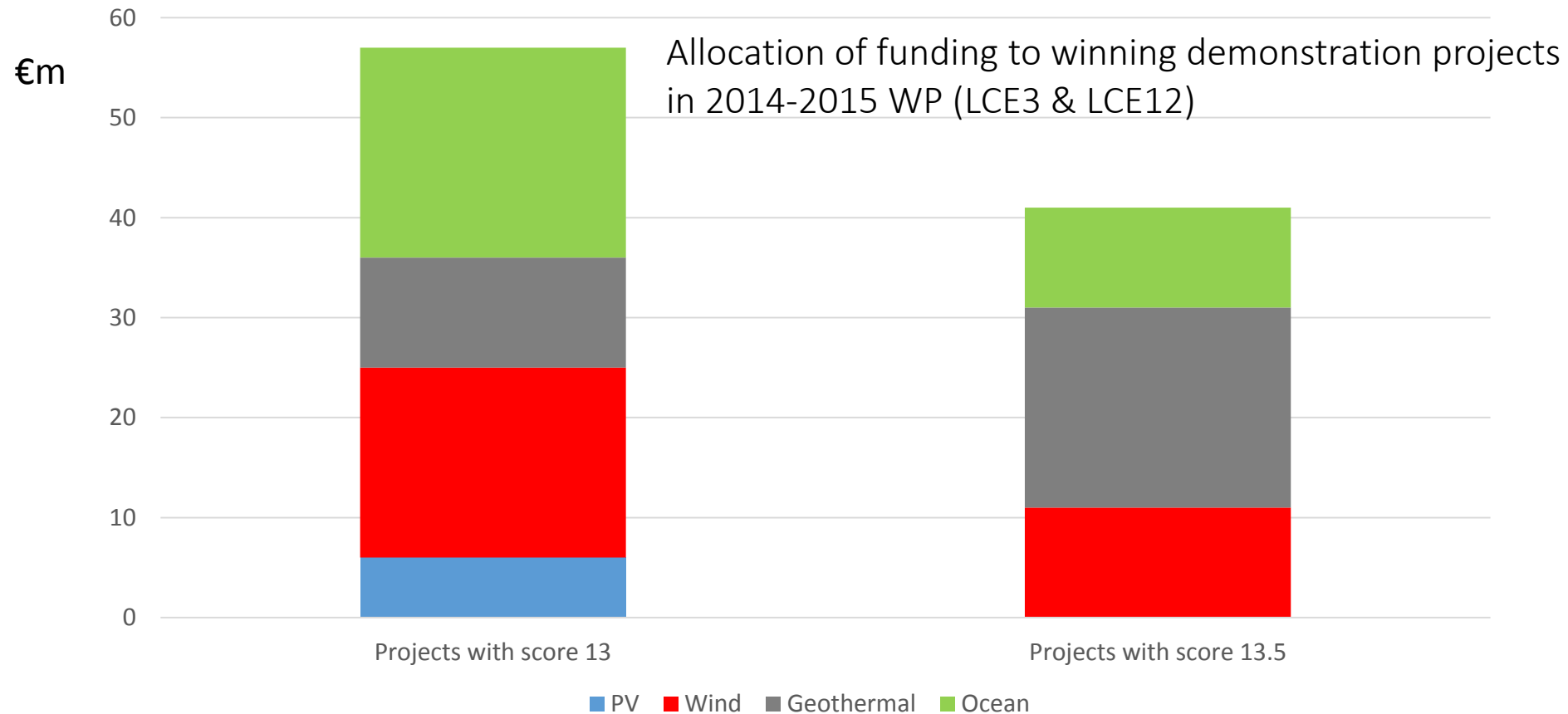
Average scores of demonstration project proposals H2020 2014-2015 WP (LCE3 & LCE12) per technology





Ocean energy in 2014-2015 work programme:

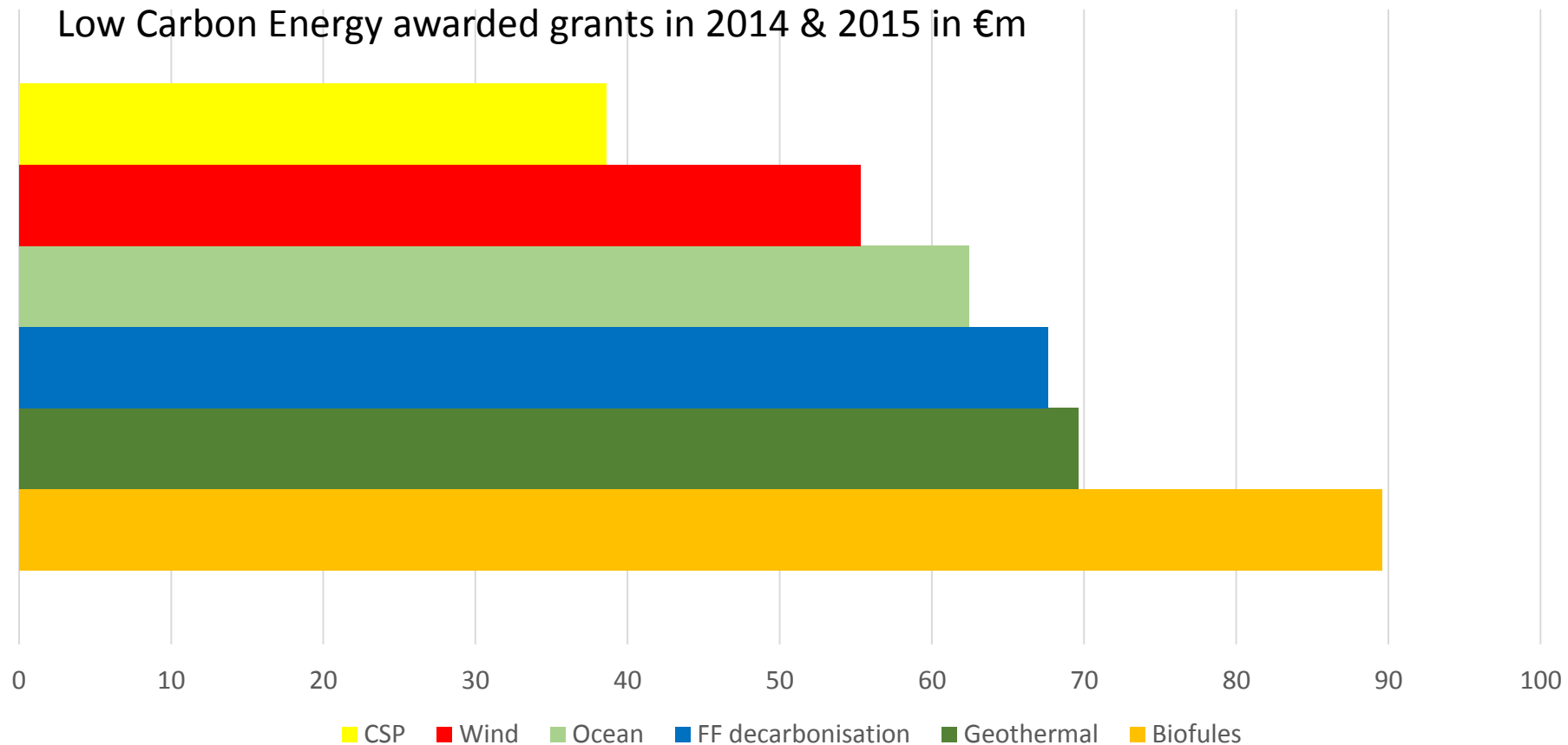
~€30m for ocean energy demonstration alone





Ocean energy in 2014-2015 work programme:

~€62m awarded to ocean energy in all





Ocean energy in 2016-2017 LCE work programme

€266m potential from Low Carbon Energy

Ocean Energy Specific

- LCE 15 : scaling up to arrays – 2016: €15m
- LCE16: 2nd generation design tools – 2017: €7m
- LCE36: Support to Technology Platforms – 2016: €600k

Total: €22.6m – 8% of LCE Work Programme



Ocean energy in 2016-2017 LCE work programme

€266m potential from Low Carbon Energy

General Low Carbon Energy calls

- LCE 6 : New knowledge & technologies – 2017: €20m
- LCE7: Next generation technologies (performance) – 2016: €61.3m
- LCE7: Next generation technologies (subsystems) – 2016: €66.5m
- SME instrument: Support to innovation by SMEs
 - 2016: €46m
 - 2017: €50m

Total: €243m



Blue Growth work programme

€35m potential for ocean energy

Blue Growth calls relevant to ocean energy

- BG2: specialised vessels– 2016: €7m, 2017 €8m
- BG3: Multi-use of oceans – 2016: €2m
- BG4: Multi-use of oceans – 2017: €8m
- BG5: ERA-net co-fund marine techs – 2016: €10m

Total: €35m



New Materials work programme

€114m potential for ocean energy

New Materials calls

- NMBP06: Improved materials' durability including offshore – 2017: €114m.

€3m to €6m per project (19 to 38 projects).



Project preparation tips

Three important concepts: explain, explain, explain.

- Why these partners? What added value, what role do they play?
- EU's objectives?
 - Responding to crisis: attracting investments
 - EU global position in R&D
 - Concerns over livelihood, health, environment
 - Sustainable development
 - EU specific policies: 2020 climate and energy targets, Energy Union, etc...
- State of the art
- Expected impacts
- Communication & dissemination



Thank you

