

Group 1

Using data to make the case for marine management

Participant name	Organisation
Lucy Kay	Community Of Arran Seabed Trust
Katie Stone	Blue Ventures
Joe Phillipson	Unaffiliated
Chris Kastern	ABALOB / ICT4Fisheries
Yvonne Muyia	COMRED
Eileen Armstrong	South Skye Seas Initiative
Sylvestre Mbola Retsiraiky Jean Rossizela Hoby Tsimijaly Longosoa Jessica Savage	SEED Madagascar
Chris Rosaro	Bali
Lucy Walsh	Seawilding (Scotland)
Timur Jack-Kadioglu	FFI

Group 1

Using data to make the case for marine management

1. Based on your own experiences and those of the speakers, what do you think are the main barriers for this topic? (10 mins)

Number	Barrier	Number of votes
1	Quality/trustworthiness of data	
2	Complexity of entering data in standard format (time consuming)	
3	Balance of data needs/value of data vs. resource available (time, complexity etc)	
4	Building buy-in/understanding	

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2. What are some potential solutions to address these barriers? Any tools or techniques to share with others? (10 mins)

Number	Solution
1	Blend methods used with current government recommended methods. Co-creation & transparency - so that you are not on your own having to prove a new technique Collaborations with scientists - peer review adds legitimacy. What are key verification points? Ground the data in people's experiences
2	
3	
4	Engaging in market mechanisms/market incentives, and linking them to improved participation in data collection and marine management.

Group 1

Using data to make the case for marine management

3. What do **you** plan to do to improve how data is used to empower communities? (5 mins)

Using different mechanisms/communication tools to connect with different people/new stakeholders

Stepping back - looking at what data means for different audiences

Group 2

Using technology to gather and analyse data

Participant name	Organisation
Margaret McDonald	Abalobi
Effy Vessaz	Blue Ventures
Jessica Savage	SEED
Tanguy Nicolas	FFI
Tom Collinson	University California
Marianne Teoh	FFI
Madlaina Michelotti	NatureScot
Catia Nunes	WWF
Eric Holden	Narwhal Expeditions
Jocelyn Murgatroyd	
Elia Gandolfi	Blue Ventures
Sarah Freed	Consultant

Group 2 Using technology to gather and analyse data

1. Based on your own experiences and those of the speakers, what do you think are the main barriers for this topic? (10 mins)

Number	Barrier	Number of votes
1	Introducing fishers to technology (using smartphones) / tech literacy Language and cultural barriers to setting up data collection systems	3
2	Setting up data management systems - data storage and process	1
3	Making data accessible for different audiences, community and government (matching different datasets)	
4	Sharing the right data Understanding what data users need and making data relevant Making sure data is shared - co-design of indicators	5

Group 2 Using technology to gather and analyse data

2. What are some potential solutions to address these barriers? Any tools or techniques to share with others? (10 mins)

Number	Solution
1	Choosing the right data: Ask resource users so it makes really sense to them - tailored to right audience and regular check-ins
2	Choosing right data: Need understanding of fisheries management and how to use data - linking data with decision-making. Responsibility of NGOs or other supporting actors
3	Tech literacy: Tech designed for the user, not too complex
4	Tech literacy: Incorporate different learning styles - videos, plays, pairing people Problem-solving among community, peer learning system Assess tech levels beforehand

Group 2 Using technology to gather and analyse data

3. What do **you** plan to do to improve how data is used to empower communities? (5 mins)

Assess better tech literacy to adapt training

Pair up for peer learning (old and young fishers) for tech literacy

Communicate how to use data in decision-making, to make it relevant for management

Get tech data developers to experience context, how technology can be adapted

Group 3

Using data to build trust with communities *Membangun kepercayaan masyarakat melalui data*

Participant name	Organisation
Rakhmat Dirgantara	Fauna and Flora International, Aceh
Mursiati	Forkani, Wakatobi
Rojaniah Jawalani	WWF Malaysia, Sabah, Borneo
Siti Kusmiati	Kawan Laut Indonesia
Teuku Youvan	Fauna and Flora International, Aceh

Group 3 Using data to build trust with communities

Membangun kepercayaan masyarakat melalui data

1. Based on your own experiences and those of the speakers, what do you think are the main barriers for this topic? (10 mins)

Berdasarkan pengalaman Anda/narasumber, apa hambatan utama dalam topik ini?

Number	Barrier/Hambatan	Number of votes
1	Kapasitas masyarakat mengenai sains (termasuk bahasa/komunikasi) <i>Community capacity about science and language</i>	
2	Tingkat kepercayaan diri masyarakat untuk terlibat dalam pendataan perikanan <i>Low confidence from community to participate in fisheries monitoring/data</i>	4
3	Komunikasi/diseminasi dengan pemerintah terkait data Kehadiran/koordinasi/integrasi dengan pemerintah <i>Data dissemination and integration/coordination/presence from government</i>	1
4	Mengajak masyarakat yang tak terlibat langsung dengan perikanan, agar tetap terlibat <i>Invite communities who are not directly involved in fisheries activity, to be on board and engage with fisheries monitoring</i>	1

Group 3

Using data to build trust with communities

Membangun kepercayaan masyarakat melalui data

2. What are some potential solutions to address these barriers? Any tools or techniques to share with others? (10 mins)

Apa solusi yang potensial untuk mengatasi hambatan tersebut? Ada perangkat/metode yang bisa dibagikan?

Number	Solution/Solusi	Number of votes
1	Untuk tingkatkan kapasitas masyarakat, kerja sama dengan stakeholder swasta dalam bentuk beasiswa pendidikan pada anak nelayan utk sekolah perikanan/pariwisata <i>Collaboration with private sectors to hold education/scholarships for children for fisheries/tourism</i>	
2	Anggapan masyarakat: data tugas pemerintah. Utk dorong masyarakat, bangun kemitraan yang jelas dengan pemerintah dan masyarakat. Perlu ada integrasi program. <i>Build clear partnership between government and community for program integration</i>	
3	Bangun diskusi tatap muka/pendekatan dengan masyarakat <i>Build face to face communications/approach with community</i>	1
4	Bangun komunikasi yang lebih relevan dgn masyarakat, ubah/yakinkan sudut pandang masyarakat bahwa sumber daya dan data milik mereka. Buat data dipahami oleh pemiliknya (masyarakat), sederhana mungkin <i>Convince community that this is their resource, and the data is theirs</i>	1
5	Pelatihan pada masyarakat, dan menciptakan metode pengisian data yang mudah/sederhana, sehingga mereka bisa mengisi form tersebut. <i>Training to communities. Creating data input method as simple as possible so that they can fill in themselves.</i>	3

Group 3

Using data to build trust with communities

Membangun kepercayaan masyarakat melalui data

3. What do **you** plan to do to improve how data is used to empower communities? (5 mins)

Apa rencana/keinginan Anda untuk meningkatkan penggunaan data untuk mendukung masyarakat?

Adanya kesinambungan/keberlanjutan - data dari masyarakat yang diinput oleh masyarakat mendapat sambutan/feedback dari pemerintah. Misal, ada solusi dari data yang dilaporkan.

Clear & sustainable follow up/feedback/solutions from data that communities collected or issues raised through the data.