Friendly Virtual Reminders

- Please note that this session is being recorded and the meeting will begin shortly
- Kindly rename yourselves on Zoom to your name and Island or Affiliation
- Mute your microphone during the program
- We encourage use of video during the session
- Use chat box liberally for discussion, comments, and resource sharing, and please direct your general comments to "Everyone"
- We follow the Chatham House Rule to support trust-based forum

For Zoom/ technical related questions, message "Laura Kam - Local2030 Islands Network" directly in the chat box.

PARTICIPANT NOTE
Welcome! Please rename yourself with your name + affiliation

Data for Climate Resilience Community of Practice

The Data for Climate Resilience Community of Practice is aimed to provide peer-to-peer learning opportunities, targeted technical assistance for island-led initiatives, foster collaboration with various experts to develop sustainable solutions and achieve island resilience goals.

Agenda

I. **Welcome and Introductions**
   - *Kate Brown, Executive Director, Global Island Partnership*

II. **Local2030 Islands Network Overview and Principles**
   - *Celeste Connors, CEO, Hawai'i Local2030 Hub*
   - *Shella Biallas, Adaptation Lead, Office of Global Change, U.S. Department of State*

III. **Communities of Practice Model**
   - *Mike Callahan, Applied Engineering Team Manager, NREL*

IV. **Partnerships to Support Local and Community Driven Data**
   - *Kaimana Bingham, Sustainability Dashboard & Partnerships Manager, Hawai'i Local2030 Hub*
   - *Carmelle Terborgh, Lead Account Manager, Esri*

V. **Guest Speaker**
   - *Roger Pulwarty, Senior Scientist, Physical Sciences Laboratory, NOAA*

VI. **Facilitated Discussion in Breakout Groups**

VII. **Plenary Session**

VIII. **Closing & Next Steps**

Data for Climate Resilience Community of Practice

LOCAL2030 ISLANDS NETWORK

Celeste Connors
CEO
Hawaiʻi Local2030 Hub

LOCAL2030 ISLANDS NETWORK

Data for Climate Resilience Community of Practice

Core Principles of the Local2030 Islands Network

Strengthen long-term political leadership on sustainable development and climate resilience

Scale up public-private partnerships that support diverse stakeholders in integrating sustainability priorities into policy and planning

Measure SDG progress through tracking and reporting on locally and culturally informed indicators

Implement concrete initiatives that build island resilience and circular economy at the water energy-food nexus

Shella Biallas

Adaptation Lead
Office of Global Change
U.S. Department of State

LOCAL2030
ISLANDS
NETWORK

Data for Climate Resilience Community of Practice

LOCAL2030 ISLANDS NETWORK

Michael Callahan

Applied Engineering Team Manager
National Renewable Energy Laboratory

Data for Climate Resilience Community of Practice

What is a Community of Practice?

A Community of Practice (CoP) is an interactive and member-driven network of people who come together to learn and support individual and group goals.

The Local2030 Islands Network and partner organizations are developing CoPs to enable islands to learn from one another with the support of island experts.
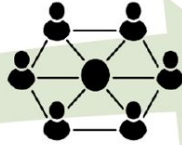
Community of Practice Model

Country Deep Dives

CoP Group Learning

Regional & global knowledge dissemination

1 **Members identify annual priority topics** for the CoP aligned with locally developed SDG goals

2 **Map stakeholders and initiatives –** concept note developed and shared to recruit other members

3 **Jointly develop annual work program** with goals, activities, planned outputs, and partnerships.

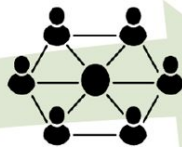Courtesy of Blue Zones Project

Community of Practice Model

Country Deep Dives

CoP Group Learning

Regional & global knowledge dissemination

4 **Delivery of learning and technical assistance**

5 **Recruitment of new members and partners**

6 **Ongoing monitoring on progress and added value –** adjustment of work plan activities as needed

Courtesy of Blue Zones Project

Attributes of Successful Communities of Practice

- **Convene practitioners** with strong shared interest on specific topics

- **Bottom up, demand driven and dynamic** to meet diverse member needs

- **Multi-stakeholder group** for rich and in-depth exchange

- **Couple peer learning and technical support** to early movers with continuous feedback

- **Foster country and regional SDG champions** and regional/global cooperation

- **Safe and apolitical space** for peer learning, exchange of best practices and innovation

- **Enable cross-country collaboration** and resource sharing

GUAM GREEN GROWTH

LOCAL2030 ISLANDS NETWORK

Communities of Practice in Action
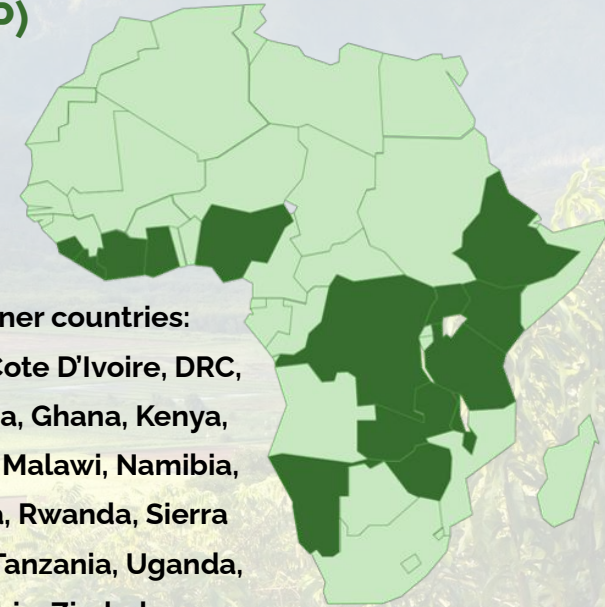
Case Study Example 1

AfLP's Africa Minigrids Community of Practice (AMG CoP)

Brings together practitioners (public, private, academia, etc.) from 18+ member countries to provide training, tools, lesson sharing, peer-exchanges and in-depth technical assistance

2021-22 guiding theme of CoPs: developing long-term visions for low-emission energy-agriculture systems and their application to inform NDC planning and implementation

Trusted network for open and honest peer dialogue and rapid validation and information sharing with peers in other countries. Engaged membership (lively WhatsApp thread) and known partners creates open space to share views, opinions, lessons, successes and failure

All priorities driven by members via annual work planning and bilateral validation discussions

Partner countries:
Benin, Cote D'Ivoire, DRC, Ethiopia, Ghana, Kenya, Liberia, Malawi, Namibia, Nigeria, Rwanda, Sierra Leone, Tanzania, Uganda, Zambia, Zimbabwe

Communities of Practice in Action

Case Study Example 1

AfLP's Africa Minigrids Community of Practice (AMG CoP)

Recent Successful Activities:

- In-depth peer-to-peer exchanges on minigrid development frameworks, e.g. public vs. private-sector led approaches (exchanges including Ghana, Nigeria, Ethiopia)

- Public-private finance dialogue and MG policy and regulatory crash courses for new countries, in partnership with Africa Minigrid Developers Association and others, on attracting private finance to minigrid sector

- Remote workshop series on member-driven priorities including MG finance, MG co-benefits, long-term planning, productive uses of energy (PUE) for minigrids

- Planning to launch spinoff CoP focused on energy-agriculture nexus and links to broader NDC planning and implementation, as identified by priorities as members

Partner countries:
Benin, Cote D'Ivoire, DRC, Ethiopia, Ghana, Kenya, Liberia, Malawi, Namibia, Nigeria, Rwanda, Sierra Leone, Tanzania, Uganda, Zambia, Zimbabwe
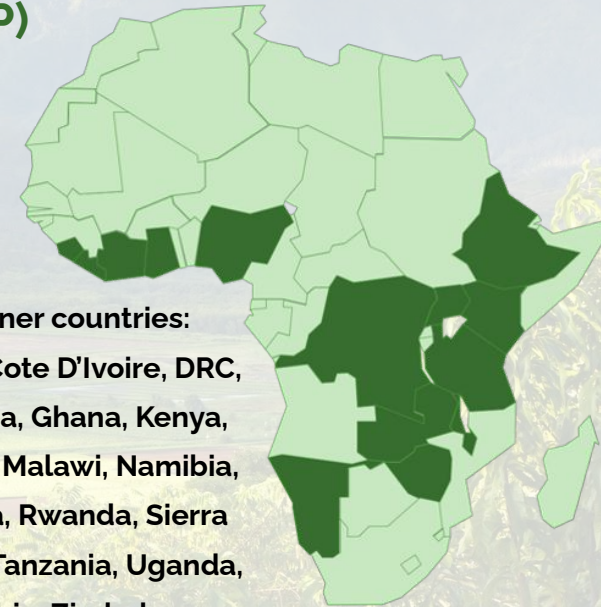
LEDS GLOBAL PARTNERSHIP

AFRICA LEDS Partnership

Communities of Practice in Action

Case Study Example 2

Transport Communities of Practice in LAC and Asia

LAC – Electric Mobility CoP

Partner countries: Uruguay, Colombia, Mexico, Argentina, Peru, Ecuador, Panama, Chile, Honduras, El Salvador, Bolivia

Peer Learning and capacity building "virtual" and in-person e-mobility workshops:
"Integrated Sustainable Mobility for Urban Cities"
- **Equity and justice are key aspects to keep in focus in urban electrification projects**
- **The greatest planning and design complexity lies not in the vehicle technology or the charging infrastructure, but in the communication between the two.**

Costa Rica: Curridabat's Local Mobility Transition Plan designed to help the city achieve its sustainable transportation goals that are affordable, safe, efficient, non-polluting and available to all.

Mexico: Framework for Mexicali's Electric Mobility Strategy, including data-driven solutions to inform strategies and regulatory framework for the city's transition to electric vehicles.

Colombia: Guidance for the development of Bogota's electric mobility policy roadmap and guidance for transitioning the city's motor-cycle fleet to electric

Communities of Practice in Action

Case Study Example 2

Transport Communities of Practice in LAC and Asia

ASIA – Clean Mobility CoP and High Ambition Leadership Group

Leadership Group (2021):
Technical leaders from 8 countries have joined this group. To date, three countries have received support for technical challenges and long-term planning to progress towards net-zero transport systems.

Sri Lanka: Developed a framework for a national electric mobility policy

Bhutan: Developed a Pre-Bus Rapid Transit (BRT) system for Thimphu city to help plan the city's public transportation

Kaimana Bingham
Sustainability Dashboard & Partnerships Manager
Hawaiʻi Local2030 Hub

Data for Climate Resilience Community of Practice

Hawaiʻi Green Growth

Hawaiʻi Green Growth (HGG) members and supporters include:

Sustainable Development Goals

The Sustainable Development Goals (SDGs), also known as the Global Goals, were adopted by all United Nations Member States in 2015 as a universal call to action to end poverty, protect the planet and ensure that all people enjoy peace and prosperity by 2030. Hub sites and initiatives help to convey the adoption and status of the goals across all levels of government, and bring together collaborators across the community.

UN Stats Open SDG Data Hub

This open data website promotes the exploration, analysis, and use of authoritative SDG data sources for..

The UAE SDG Data Hub

The UAE SDG Data Hub sheds light on the UAE's relentless efforts towards achieving UN's 2030 goal…

Aloha Challenge

The Aloha+ Challenge is Hawaiʻi's local framework to achieve the SDGs with a Dashboard to track progres…

Ireland's Hub for Sustainable Development..

This is Ireland's collaboration platform for reporting on progress towards the SDGs and sharing…

Aloha+ Challenge Dashboard

- Tracks Hawai'i's local contribution to all 17 SDGs with 6 priority areas, 37* targets & 200+ community-based indicators developed over 6 years of convening public and private stakeholders

- The dashboard provides accountability & informs decision-making as part of an ongoing stakeholder process

CLEAN ENERGY
1 NO POVERTY · 7 AFFORDABLE AND CLEAN ENERGY · 10 REDUCED INEQUALITIES · 13 CLIMATE ACTION · 17 PARTNERSHIPS FOR THE GOALS

WASTE REDUCTION
3 GOOD HEALTH AND WELL-BEING · 12 RESPONSIBLE CONSUMPTION AND PRODUCTION · 13 CLIMATE ACTION · 14 LIFE BELOW WATER · 15 LIFE ON LAND · 17 PARTNERSHIPS FOR THE GOALS

LOCAL FOOD
1 NO POVERTY · 2 ZERO HUNGER · 3 GOOD HEALTH AND WELL-BEING · 12 RESPONSIBLE CONSUMPTION AND PRODUCTION · 13 CLIMATE ACTION · 17 PARTNERSHIPS FOR THE GOALS

SMART SUSTAINABLE COMMUNITIES
1 NO POVERTY · 3 GOOD HEALTH AND WELL-BEING · 10 REDUCED INEQUALITIES · 11 SUSTAINABLE CITIES AND COMMUNITIES · 13 CLIMATE ACTION · 16 PEACE, JUSTICE AND STRONG INSTITUTIONS · 17 PARTNERSHIPS FOR THE GOALS

NATURAL RESOURCE MANAGEMENT
3 GOOD HEALTH AND WELL-BEING · 6 CLEAN WATER AND SANITATION · 12 RESPONSIBLE CONSUMPTION AND PRODUCTION · 13 CLIMATE ACTION · 14 LIFE BELOW WATER · 15 LIFE ON LAND · 17 PARTNERSHIPS FOR THE GOALS

GREEN WORKFORCE & EDUCATION
1 NO POVERTY · 4 QUALITY EDUCATION · 5 GENDER EQUALITY · 8 DECENT WORK AND ECONOMIC GROWTH · 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE · 10 REDUCED INEQUALITIES · 13 CLIMATE ACTION · 17 PARTNERSHIPS FOR THE GOALS
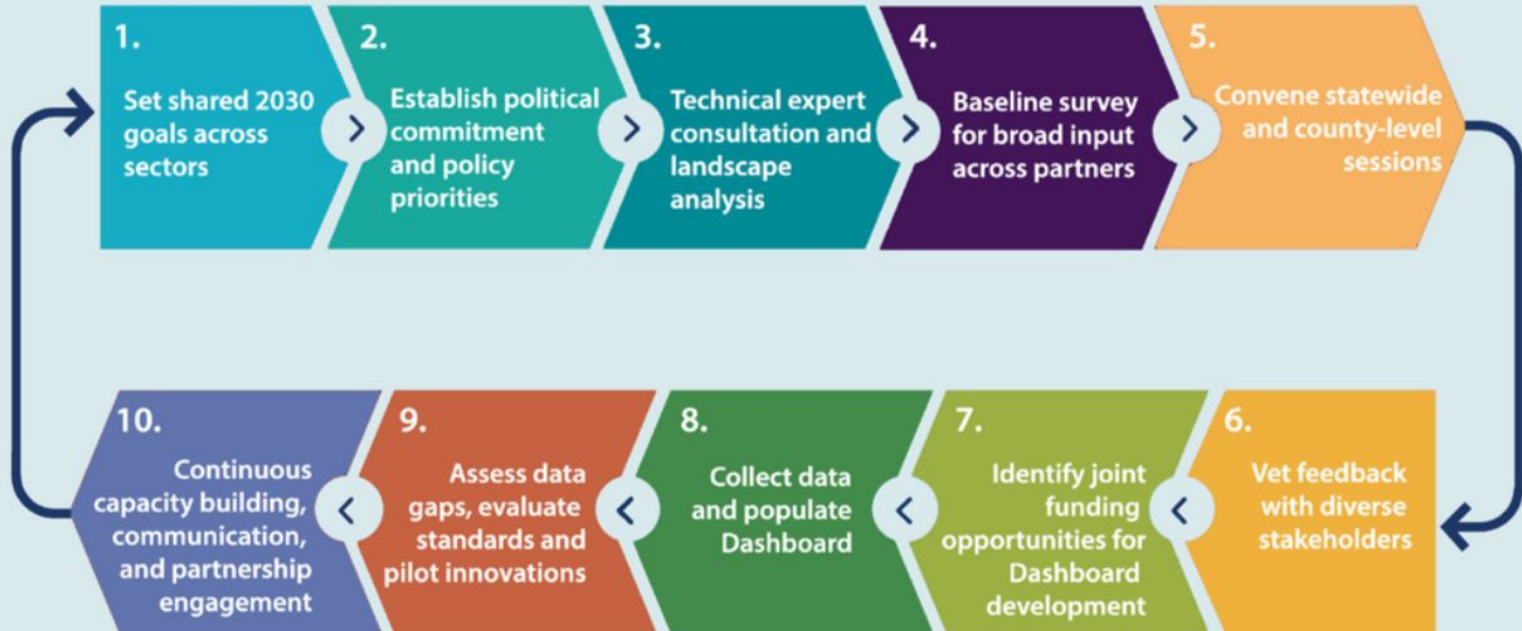
Measure What Matters

Stakeholder-driven development of local metrics and indicators

Short-term consensus building for long-term goals connecting governance, technology and community

1. Set shared 2030 goals across sectors
2. Establish political commitment and policy priorities
3. Technical expert consultation and landscape analysis
4. Baseline survey for broad input across partners
5. Convene statewide and county-level sessions
6. Vet feedback with diverse stakeholders
7. Identify joint funding opportunities for Dashboard development
8. Collect data and populate Dashboard
9. Assess data gaps, evaluate standards and pilot innovations
10. Continuous capacity building, communication, and partnership engagement

Aloha+ Challenge 2020 Benchmark Report:

Hawai'i's Voluntary Local Review Of Progress on the Sustainable Development Goals

Hawai'i's first statewide Voluntary Local Review assesses progress to date and provides 2020 benchmark data to inform decision-making, including on economic recovery, through the Aloha+ Challenge - Hawai'i's framework to achieve the UN Sustainable Development Goals

Download Benchmark Report
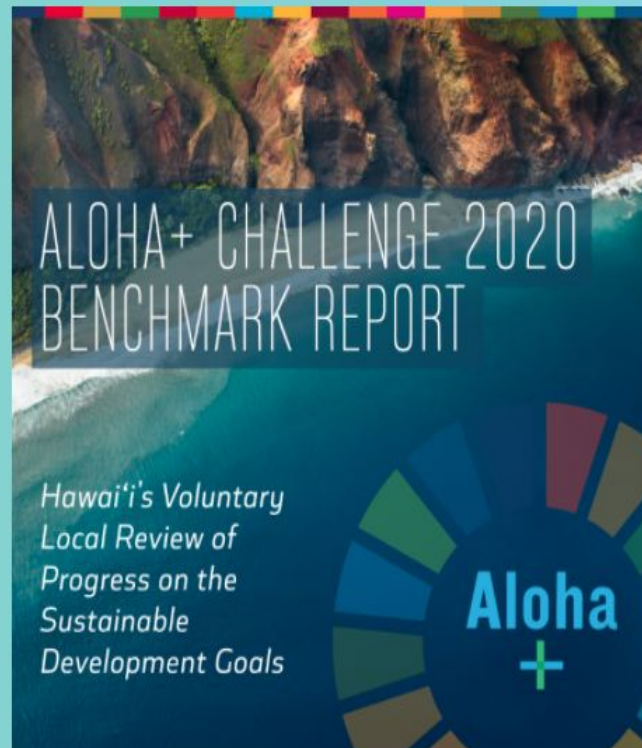
ALOHA+ CHALLENGE 2020 BENCHMARK REPORT

Hawai'i's Voluntary Local Review of Progress on the Sustainable Development Goals

Aloha+

SDG
DATA
ALLIANCE

SDG Data Alliance

Based on the foundational principle of reducing inequalities of all kinds, the W.K. Kellogg Foundation, Esri, PVBLIC Foundation, the United Nations Global Geospatial Information Management Section in the Statistics Division, Department of Economic and Social Affairs (DESA), joined forces in 2021 to form **the SDG Data Alliance**.

Using the power of **purpose-driven collaboration** and leading GIS technology, this influential group of partners **will accelerate achievement of the SDGs** by creating 20 SDG Data Hubs across developing countries in Africa, Asia and the Pacific and Latin America and the Caribbean.

A Multi-Stakeholder Partnership

Objectives and Outcomes

- **Leverage and strengthen** the in-country expertise from geospatial experts within and across governmental agencies and organizations leveraging the data hubs

- **Address national and global reporting** requirements to report on the SDGs - with specific focus on SDG 10

- **Accelerate achievement of the SDGs** by accurately identifying areas for focus and investment

https://ggim.un.org/IGIF/

The SDG DATA ALLIANCE began country-level engagement with an **initial group of 11 countries** and will shortly engage **another 7 countries**

30 **candidate countries**

Africa	Asia and the Pacific	Latin America and the Caribbean
1. Burkina Faso	16. Fiji	21. Chile
2. Cameroon	17. Indonesia	22. Colombia
3. Comoros	18. Nepal	23. Cuba
4. Congo DRC	19. Philippines	24. Dominican Republic
5. Eswatini	20. Tonga	
6. Ethiopia		25. Ecuador
7. Kenya		26. El Salvador
8. Madagascar		27. Guatemala
9. Morocco		28. Honduras
10. Mozambique		29. Panama
11. Niger		30. Saint Lucia
12. Rwanda		
13. Senegal		
14. South Africa		
15. Tunisia		

Initial Group of 11 Countries

Burkina Faso
Cameroon
Chile
Eswatini
Ethiopia
Mozambique
Rwanda
Senegal
South Africa
Tonga
Tunisia

for more information:
alliance.sdg.org

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PVBLIC
FOUNDATION

W.K.
KELLOGG
FOUNDATION™

- SDG Data Alliance Candidate Island Nations (8)
  - Integrated Geospatial Information Framework implementation plan
  - SDG Data Hub – federated with UN Open SDG Data Hub and Local2030 Islands Network SDG Data Hub
- Island Nations that are IDA Countries (21)
  - SDG Data Hub Site within a Local2030 Islands Network SDG Data Hub
- Resources from Esri
  - SDG Grant for IDA countries
  - GIS Curriculum for SDGs
  - SDG Data Hub Template – which can incorporate dashboards & open data
  - ArcGIS Living Atlas content (imagery, landcover, world population, etc.)

Interactive Sessions: Thematic Areas for Community of Practice

Guiding Objectives:

- Identify **2-3 priority focus topics** for the Data for Climate Resilience Community of Practice

- Insight on **challenges and opportunities** that can inform Community of Practice action

Format: One 55-minute breakout session followed by a Closing Plenary

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Closing Plenary

Key takeaways from the breakout sessions and Community of Practice next steps.

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