

# Sustainability:

What does it  
mean to me?



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# What is Sustainability?

To keep a balance between people, the planet, and profit. In essence, to support the well being of all of us!

## Sustainable Practices

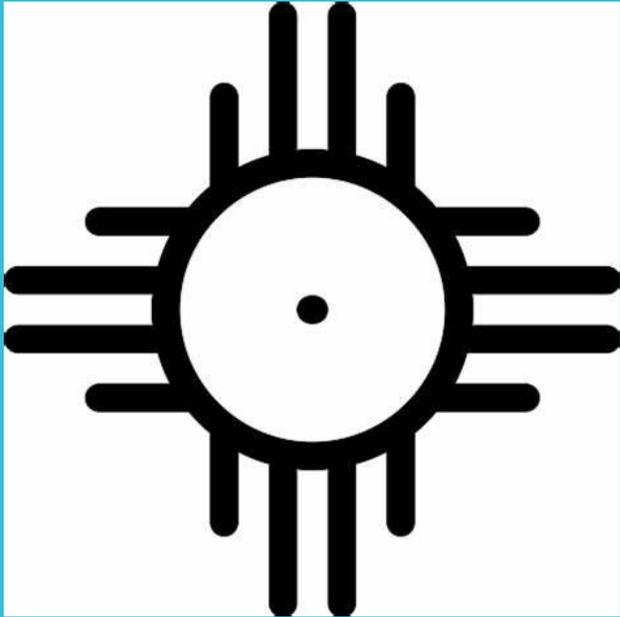
1. The empowerment of poor people and marginalized communities.
2. Solar, wind, and ocean energies

**Question:** What did we see over the weekend that was sustainable during our visit to coastal communities?

(write in delegates response)



# Sustainability is not new!!



“In every action,  
we must  
consider the  
impact of our  
decisions on the  
next seven  
generations”

The Iroquois Confederacy.

“I’d put my money on  
the sun and solar  
energy. What a source  
of power! I hope we  
don’t have to wait  
until oil and coal run  
out before we tackle  
that” Thomas Edison:  
(1931)

## What is not sustainable?

- Many of **you** came because **you care** about the well being of the planet and all of us.
- We are using resources faster than the replacement rate. There is a decline in fisheries, forests and habitats.
- What non sustainable practices have you observed?

(Insert Delegate Comments)



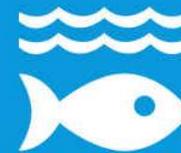
# SUSTAINABLE DEVELOPMENT GOALS

<b>1</b> NO POVERTY 	<b>2</b> ZERO HUNGER 	<b>3</b> GOOD HEALTH AND WELL-BEING 	<b>4</b> QUALITY EDUCATION 	<b>5</b> GENDER EQUALITY 	<b>6</b> CLEAN WATER AND SANITATION 
<b>7</b> AFFORDABLE AND CLEAN ENERGY 	<b>8</b> DECENT WORK AND ECONOMIC GROWTH 	<b>9</b> INDUSTRY, INNOVATION AND INFRASTRUCTURE 	<b>10</b> REDUCED INEQUALITIES 	<b>11</b> SUSTAINABLE CITIES AND COMMUNITIES 	<b>12</b> RESPONSIBLE CONSUMPTION AND PRODUCTION 
<b>13</b> CLIMATE ACTION 	<b>14</b> LIFE BELOW WATER 	<b>15</b> LIFE ON LAND 	<b>16</b> PEACE, JUSTICE AND STRONG INSTITUTIONS 	<b>17</b> PARTNERSHIPS FOR THE GOALS 	 SUSTAINABLE DEVELOPMENT GOALS



## SUSTAINABLE DEVELOPMENT GOAL 14

Conserve and sustainably use the oceans, seas and marine resources for sustainable development



PROGRESS & INFO (2017)

PROGRESS & INFO (2016)

TARGETS & INDICATORS

### PROGRESS OF GOAL 14 IN 2017

Goal 14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development 18. The increasingly adverse impacts of climate change (including ocean acidification), overfishing and marine pollution are jeopardizing recent gains in protecting portions of the world's oceans.

- Global trends point to continued deterioration of coastal waters owing to pollution and eutrophication (excessive nutrients in water, frequently a result of run-off from land, which causes dense plant growth and the death of animal life from lack of oxygen). Of the 63 large marine ecosystems evaluated under the Transboundary Waters Assessment Programme, 16 per cent of the ecosystems are in the "high" or "highest" risk categories for coastal eutrophication. They are located mainly in Western Europe, Southern and Eastern Asia, and the Gulf of Mexico.

REVIEW



HIGH-LEVEL POLITICAL FORUM  
ON SUSTAINABLE DEVELOPMENT

**GOAL 14 WILL BE REVIEWED  
IN-DEPTH AT THE HIGH-LEVEL  
POLITICAL FORUM IN 2017**

READ MORE IN RELATED TOPICS

# The Blue Economy

# BLUE ECONOMY

The Blue Economy is sustainable use of ocean resources for economic growth, improved livelihoods and jobs, and ocean ecosystem health.

The Blue Economy encompasses many activities...

## RENEWABLE ENERGY

Sustainable marine energy can play a vital role in social and economic development.

## FISHERIES

Marine fisheries contribute more than **US\$270 billion** annually to global GDP. More sustainable fisheries can generate more revenue, more fish and help restore fish stocks.

## MARITIME TRANSPORT

Over **80%** of international goods traded are transported by sea, and the volume of seaborne trade is expected to double by 2030 and quadruple by 2050.

## TOURISM

Ocean and coastal tourism can bring jobs and economic growth. Coastal Least Developed Countries and Small Island Developing States receive more than **41 million visitors** per year.

## CLIMATE CHANGE

The impacts of climate change on oceans—rising sea-levels, coastal erosion, changing ocean current patterns, and acidification—are staggering. At the same time, **oceans are an important carbon sink** and help mitigate climate change.

## WASTE MANAGEMENT

**80% of litter** in the ocean is from land-based sources. Better waste management on land can help oceans recover.

# The Green New Deal

The centerpiece of the Green New Deal is a transition to 100% clean energy by 2030.

Invest in green businesses by providing grants and low-interest loans to grow green businesses.

Provides 16 million jobs in sustainable energy

What is a green new deal?

<https://www.youtube.com/watch?v=k7p27E6hzvk>

## GREEN JOB PRIORITIES

### MINIMAL EXPERIENCE OR ON-THE-JOB TRAINING

- ▶ Weatherization and energy efficiency improvements
- ▶ Waste removal and recycling
- ▶ Tree-planting
- ▶ Wetland restoration
- ▶ Brownfield restoration
- ▶ Pest management
- ▶ Soil health testing and remediation
- ▶ Invasive and exotic species removal
- ▶ Resilient road construction
- ▶ Pedestrian and bike lane construction
- ▶ Open and recreational space creation
- ▶ Building rehabilitation, remediation, and hardening
- ▶ Disaster preparedness training
- ▶ Sewer and water main upgrades
- ▶ Stormwater management
- ▶ Administrative support

### SOME EXPERIENCE, EDUCATION, OR CERTIFICATION

- ▶ Energy auditing
- ▶ Building electrification
- ▶ Renewable energy systems installation - solar, wind, and geothermal
- ▶ Mass transport electrification
- ▶ Energy storage technology
- ▶ Grid modernization and resilience
- ▶ Water and wastewater treatment
- ▶ Electric vehicle and biofuel integration
- ▶ Landfill upgrades and methane capture
- ▶ Sustainable agriculture and soil restoration
- ▶ Community education
- ▶ Communications

## Green Job Boards

The American Solar Energy Society (ASES) GreenStart Job Board is a major source for blue collar job openings in the green industry. The website provides an introduction to some of the organizations in the green economy. You can browse current job openings at companies throughout the nation.

The Green Jobs Network is a good source for blue collar/green industry jobs. It has a variety of information and numerous categories of job listings. You can also browse job resources by city or state. The website provides a listing of green job fairs, as well.

# Stone Soup Leadership Institute: A Call To Action

## Recent Stone Soup Institute Sustainability Projects Designed by Youth in their Communities

### 1. Sustainable Hawaii Toolkit [www.sustainablehawaiiitoolkit.com](http://www.sustainablehawaiiitoolkit.com)

Online toolkit that provides free resources, learning tools, videos and green jobs for a sustainable workforce.

### 2. Sustainability Virtual Field Station [www.virtualfieldstation.com](http://www.virtualfieldstation.com)

Check out the Stone Soup Leadership Institute's website to see over 20 years of work building on sustainability  
[www.soup4worldinstitute.com](http://www.soup4worldinstitute.com)

**A true leader brings out greatness from everyone.**

Coastal  
Communities  
Call to Action:

Rhode Island

- **Rhode Island** - Mary Ellen will excerpt 1 slide
- •

Coastal  
Communities  
Call to Action:  
Massachusetts

- **MA: Bailey:** excerpt 1 slide

Linking youth  
with  
Sustainable  
Companies

Sustainable Workforce  
Development Survey

Goal of Bringing in More  
Multicultural Youth into  
Sustainable Jobs.

You can make  
\$\$\$ while  
helping the  
planet!

- **Sustainable Jobs are expected to Sky Rocket to 40 million by 2030 (Tradehounds.com)**
  - Average yearly salary for many is \$50,000/year range and rises with more specialties (Bureau of Labor Statistics).
1. Robotic Technicians (equipment maintenance)
  2. Solar energy installation supervisors:
  3. Wind energy workers
  4. Water quality technicians
  5. Urban growers/farmers
- Many entry-level sustainable jobs do not require a four-year degree and offer hourly wages from \$12 to \$22 an hour (Bureau Labor of Statistics).

Questions: What Sustainable jobs are present in your home or community? Which ones would you like to see?

1. (Insert Delegates Comments)
- 2.