THE AGE OF SUSTAINABLE DEVELOPMENT
IN THE PHILIPPINES

LAUNCH OF THE PHILIPPINES CHAPTER OF THE
SUSTAINABLE DEVELOPMENT SOLUTIONS NETWORK

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SUSTAINABLE DEVELOPMENT IS:

ECONOMIC DEVELOPMENT THAT IS

SOCIALLY INCLUSIVE, AND

ENVIRONMENTALLY SUSTAINABLE

WE ARE ENTERING THE AGE OF
SUSTAINABLE DEVELOPMENT WITH
THE SDGS THIS YEAR
PROGRESS DURING THE MILLENNIUM DEVELOPMENT GOAL ERA

SHIFTING GEO-ECONOMICS: SHARES OF WORLD GDP

IN 2015:

CHINA = 16.9
JAPAN =  4.3
KOREA =  1.6
US =      16.1
EU =      16.9
YET TODAY’S GLOBAL ECONOMIC GROWTH IS NOT SUSTAINABLE DEVELOPMENT:

• THERE IS GROWING INCOME INEQUALITY, SOCIAL EXCLUSION, AND JOBLESSNESS FOR MANY YOUTH

• EXTREME POVERTY CONTINUES IN MUCH OF AFRICA AND PARTS OF ASIA AND LATIN AMERICA

• THE WORLD FACES PROFOUNDLY THREATENING ENVIRONMENTAL TRENDS AND CRISES
“PLANETARY BOUNDARIES”

Source: Rockström et al 2009a)
JUNE 2015 WARMEST IN 136-YEAR RECORD

Land & Ocean Temperature Departure from Average Jun 2015
(with respect to a 1981–2010 base period)
Data Source: GHON–M version 3.3.0 & ERSST version 4.0.0

INCREASING INTENSITY AND FREQUENCY OF EXTREME EVENTS, SUCH AS TYPHOON HAIYAN:
SUPERSTORM SANDY, NYC, OCTOBER 29, 2012

Algal Bloom, Qindao, Shandong Province, 2013
BEIJING ENVELOPED IN POLLUTION, JANUARY 2014

LOS ANGELES WATER RESERVOIR, APRIL 5, 2015
SEVERE EL-NINO-LINKED DROUGHT IN PHILIPPINES, 2015

DROPPING WATER LEVEL IN ANGAT DAM
Continuing Threat of Philippines Deforestation

LOSS OF WEST ANTARCTICA ICE SHEET

1. Early 1970s, Pine Island Glacier is grounded at a bedrock ridge.
2. Warm, inflowing Circumpolar Deep Water melts the base of the glacier. The glacier steepens and accelerates.
3. Present day, observed by a remotely operated vehicle (ROV). Glacier is thinning and receding.
PHILIPPINE POPULATION, 1950-2015
THE SUSTAINABLE DEVELOPMENT GOALS WILL BE ADOPTED ON SEPTEMBER 25

Emissions are heading to a 4.0-6.1°C “likely” increase in temperature. Large and sustained mitigation is required to keep below 2°C.
Main Decarbonization Strategies

The Deep Decarbonization Pathways Project

Pathways to deep decarbonization

Interim 2014 report
The **Sustainable Development Solutions Network** operates under the auspices of UN Secretary-General Ban Ki-moon, and engages scientists, engineers, business and civil society leaders, and development practitioners for evidence-based problem solving. Its member institutions, notably universities, research centers, and think tanks, work with government, business and civil society to promote innovations to support sustainable development (www.unsdsn.org)
LAUNCH OF THE PHILIPPINES SDSN CHAPTER. THE PHILIPPINES SDSN SHOULD FOCUS ON:

- DEEP DECARBONIZATION PATHWAY (DDPP)
- PHILIPPINES CLIMATE CHANGE ADAPTATION
- RISK RESILIENCE AND DISASTER PREPAREDNESS
- URBAN SUSTAINABILITY
- ECOSYSTEM AND BIODIVERSITY CONSERVATION
- STRENGTHENING OF EDUCATION SYSTEMS, AT ALL LEVELS
- CREATION OF ICT-BASED SMART SYSTEMS FOR HEALTH, EDUCATION, INFRASTRUCTURE IN NEW INNOVATION CENTERS

Launch Date of SDSN SDG Urban Alliance:

September 24, 2015 near UN Headquarters on the eve of the Global Adoption of the SDGs

Establish an SDSN Task Force to work with UN Habitat and other Organizations to Support Habitat III in Quito in 2016

Manila and other Philippine Cities should join the SDG Urban Alliance
Interdependence obliges us to think of one world with a common plan. Yet the same ingenuity which has brought about enormous technological progress has so far proved incapable of finding effective ways of dealing with grave environmental and social problems worldwide. A global consensus is essential for confronting the deeper problems, which cannot be resolved by unilateral actions on the part of individual countries.