FROM MDGs to SDGs:
THE POST-2015 DEVELOPMENT AGENDA

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At the Unite for Sight Conference at Yale University
April 13, 2014
BY DEFINING OUR GOAL MORE CLEARLY -- BY MAKING IT SEEM MORE MANAGEABLE AND LESS REMOTE -- WE CAN HELP ALL PEOPLE TO SEE IT, TO DRAW HOPE FROM IT AND TO MOVE IRRESISTIBLY TOWARDS IT.

(JFK, American University Speech, June 1963)
Hooray!

Global poverty rate, %

- Baseline scenario
- Range based on best and worst scenarios

Source: Laurence Chandy, Natasha Ledlie and Veronika Penciakova
## GOAL 1 | Eradicate extreme poverty and hunger

<table>
<thead>
<tr>
<th>Goals and Targets</th>
<th>Africa</th>
<th>Asia</th>
<th>Latin America &amp; the Caribbean</th>
<th>Caucasus &amp; Central Asia</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reduce extreme poverty by half</td>
<td>low poverty</td>
<td>very high poverty</td>
<td>moderate poverty*</td>
<td>low poverty</td>
</tr>
<tr>
<td>Productive and decent employment</td>
<td>large deficit in decent work</td>
<td>very large deficit in decent work</td>
<td>large deficit in decent work</td>
<td>very large deficit in decent work</td>
</tr>
<tr>
<td>Reduce hunger by half</td>
<td>low hunger</td>
<td>very high hunger</td>
<td>moderate hunger</td>
<td>high hunger</td>
</tr>
</tbody>
</table>

## GOAL 2 | Achieve universal primary education

<table>
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</tr>
</thead>
<tbody>
<tr>
<td>Universal schooling</td>
<td>high enrolment</td>
<td>moderate enrolment</td>
<td>high enrolment</td>
<td>high enrolment</td>
</tr>
</tbody>
</table>

## GOAL 3 | Promote gender equality and empower women

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Equal girls’ enrolment in primary school</td>
<td>close to parity</td>
<td>close to parity</td>
<td>parity</td>
<td>parity</td>
</tr>
<tr>
<td>Women’s share of paid employment</td>
<td>low share</td>
<td>medium share</td>
<td>high share</td>
<td>low share</td>
</tr>
<tr>
<td>Women’s equal representation in national parliaments</td>
<td>low representation</td>
<td>moderate representation</td>
<td>moderate representation</td>
<td>low representation</td>
</tr>
</tbody>
</table>

## GOAL 4 | Reduce child mortality

<table>
<thead>
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<th>Goals and Targets</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Reduce mortality of under-five-year-olds by two thirds</td>
<td>low mortality</td>
<td>high mortality</td>
<td>low mortality</td>
<td>low mortality</td>
</tr>
</tbody>
</table>

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The progress chart operates on two levels. The words in each box indicate the present degree of compliance with the target. The colours show progress towards the target according to the legend below:

- Green: Target already met or expected to be met by 2015.
- Orange: No progress or deterioration.
- Yellow: Progress insufficient to reach the target if prevailing trends persist.
- Grey: Missing or insufficient data.

* Poverty progress for Eastern Asia is assessed based on China’s data only.
### GOAL 5 | Improve maternal health

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</tr>
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<tbody>
<tr>
<td>Reduce maternal mortality by three quarters</td>
<td>low mortality</td>
<td>very high mortality</td>
<td>low mortality</td>
<td>moderate mortality</td>
</tr>
<tr>
<td>Access to reproductive health</td>
<td>moderate access</td>
<td>low access</td>
<td>high access</td>
<td>moderate access</td>
</tr>
</tbody>
</table>

### GOAL 6 | Combat HIV/AIDS, malaria and other diseases

<table>
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</thead>
<tbody>
<tr>
<td>Halt and begin to reverse the spread of HIV/AIDS</td>
<td>low incidence</td>
<td>high incidence</td>
<td>low incidence</td>
<td>low incidence</td>
</tr>
<tr>
<td>Halt and reverse the spread of tuberculosis</td>
<td>low mortality</td>
<td>moderate mortality</td>
<td>low mortality</td>
<td>moderate mortality</td>
</tr>
</tbody>
</table>

### GOAL 7 | Ensure environmental sustainability

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<tr>
<td>Halve proportion of population without improved drinking water</td>
<td>high coverage</td>
<td>low coverage</td>
<td>high coverage</td>
<td>moderate coverage</td>
</tr>
<tr>
<td>Halve proportion of population without sanitation</td>
<td>high coverage</td>
<td>very low coverage</td>
<td>low coverage</td>
<td>low coverage</td>
</tr>
<tr>
<td>Improve the lives of slum-dwellers</td>
<td>moderate proportion of slum-dwellers</td>
<td>very high proportion of slum-dwellers</td>
<td>moderate proportion of slum-dwellers</td>
<td>high proportion of slum-dwellers</td>
</tr>
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### GOAL 8 | Develop a global partnership for development

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</tr>
</thead>
<tbody>
<tr>
<td>Internet users</td>
<td>high usage</td>
<td>moderate usage</td>
<td>high usage</td>
<td>high usage</td>
</tr>
</tbody>
</table>
“PLANETARY BOUNDARIES”

Source: Rockström et al 2009a)
IN APRIL, 2013, CO2 CONCENTRATION REACHES 400 PPM FOR FIRST TIME IN 3 MILLION YEARS
BEIJING ENVELOPED IN POLLUTION, JANUARY 2014
PARIS IN SMOG, MARCH 2014
MEGA-DROUGHT IN SAO PAULO, BRAZIL FEBRUARY 2014
Drought and Forest Fires in Sumatra, March 2014
Algal Bloom, Qindao, Shandong Province, 2013
By some measurements, Typhoon Haiyan was the most intense storm ever to make landfall.
Sustainable Development was adopted at the UN Rio+20 Summit as the organizing principle for the Post-2015 global goals.

The UN Member States are now negotiating Sustainable Development Goals (SDGs) to be adopted in September 2015.

SDGs will integrate Economic, Social, and Environmental Goals.

SDG1 will be Ending Extreme Poverty.
SIXTH WAVE SHOULD BE SUSTAINABLE GROWTH BUILT ON DIGITAL REVOLUTION
HALVING OF COST ROUGHLY EVERY NINE MONTHS
The Swanson effect
Price of crystalline silicon photovoltaic cells, $ per watt

Source: Bloomberg New Energy Finance
*Forecast

Economist.com/graphicdetail
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. It promotes solution initiatives that demonstrate the potential of technical and business innovation to support sustainable development. ([www.unsdsn.org](http://www.unsdsn.org))

For monthly updates, sign up for the SDSN newsletter.
SDGS AS RECOMMENDED BY SDSN:

End Extreme Poverty
Promote Sustainable Growth and Jobs
Education for All
Social Inclusion
Health for All
Sustainable Agriculture
Sustainable Cities
Sustainable Energy and Climate Change
Sustainable Biodiversity
Good Governance
STRATEGY FOR SUSTAINABLE DEVELOPMENT SUCCESS:

SET GOALS FOR 2030 AND 2050 (GOAL SETTING)
IDENTIFY PATHWAYS TO SUCCESS (BACKCASTING)
R&D ROADMAPS (ROADMAPPING)
DEMONSTRATE SUCCESS (PROTOTYPING)
SCALE-UP OF PROVEN SUCCESSES (PPP SCALE UP)
ACCELERATE EDUCATION (MASS LEARNING)

“DIRECTED” INVESTMENT-LED GROWTH
THE NEED FOR DEEP DECARBONIZATION

LIMIT TEMPERATURE RISE TO 2-DEGREE C
HONOR CARBON BUDGET
CUT GLOBAL CO2 EMISSIONS BY >HALF BY 2050

IMPLIES GLOBAL CO2/CAPITA ≈ 1.7 TONS

➡ CLEAN POWER (<100g/kWh)
➡ CLEAN BUILDINGS (Net Zero Buildings)
➡ CLEAN VEHICLES (Zero Tailpipe Emissions)
➡ CLEAN INDUSTRY
➡ SMART CITIES
NEW INSTITUTIONS NEEDED FOR SCALE UP

LONG-TERM FINANCE
LONG-TERM PLANNING
LONG-TERM TECHNOLOGY ROADMAPS

FEASIBLE, YET DIFFICULT, BUT AGAIN,
REMEMBER THE WORDS OF JFK:
WE CHOOSE TO GO TO THE MOON. WE CHOOSE TO GO TO THE MOON IN THIS DECADE AND DO THE OTHER THINGS, NOT BECAUSE THEY ARE EASY, BUT BECAUSE THEY ARE HARD, BECAUSE THAT GOAL WILL SERVE TO ORGANIZE AND MEASURE THE BEST OF OUR ENERGIES AND SKILLS, BECAUSE THAT CHALLENGE IS ONE THAT WE ARE WILLING TO ACCEPT, ONE WE ARE UNWILLING TO POSTPONE, AND ONE WHICH WE INTEND TO WIN, AND THE OTHERS, TOO.

JFK, RICE UNIVERSITY, SEPTEMBER 1962