Global Goals for Local Impact

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SDGs Compacts 2020
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SDGs COMPACTS 2020: OVERVIEW OF PRESENTATION

• Update on Sustainable Development Movement
• **SDGs Compacts 2020**: What?, Who?, Why?, Next Steps
• **SDGs Compacts** Harnessing Data Revolution
• **SDGs Compacts** Financing: e.g. *Compacts*-linked Muni-Bonds
• **SDGs Compacts** Blockchain applications
On September 25, 2015, 193 world leaders committed to achieve 17 Global Goals for Sustainable Development.
Global Goals for Local Impact:

*We can only achieve what we can measure!*

17 Goals

169 Targets

> 240 Initial Indicators
WRI: 147 SDG targets align with Paris Climate Agreement NDCs

<table>
<thead>
<tr>
<th>GOALS</th>
<th>TARGETS WITH INDC EXAMPLES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Goal 1 No Poverty</td>
<td>7 out of 7</td>
</tr>
<tr>
<td>Goal 2 Zero Hunger</td>
<td>6 out of 8</td>
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<tr>
<td>Goal 3 Good Health &amp; Wellbeing</td>
<td>12 out of 13</td>
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<tr>
<td>Goal 4 Quality Education</td>
<td>10 out of 10</td>
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<tr>
<td>Goal 5 Gender Equality</td>
<td>6 out of 9</td>
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<tr>
<td>Goal 6 Clean Water &amp; Sanitation</td>
<td>8 out of 8</td>
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<tr>
<td>Goal 7 Affordable &amp; Clean Energy</td>
<td>5 out of 5</td>
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<tr>
<td>Goal 8 Decent Work &amp; Economic Growth</td>
<td>9 out of 12</td>
</tr>
<tr>
<td>Goal 9 Industry, Innovation &amp; Infrastructure</td>
<td>7 out of 8</td>
</tr>
<tr>
<td>Goal 10 Reduced Inequalities</td>
<td>7 out of 10</td>
</tr>
<tr>
<td>Goal 11 Sustainable Cities &amp; Communities</td>
<td>10 out of 10</td>
</tr>
<tr>
<td>Goal 12 Responsible Consumption &amp; Production</td>
<td>11 out of 11</td>
</tr>
<tr>
<td>Goal 13 Climate Action</td>
<td>5 out of 5</td>
</tr>
<tr>
<td>Goal 14 Life Below Water</td>
<td>10 out of 10</td>
</tr>
<tr>
<td>Goal 15 Life on Land</td>
<td>10 out of 12</td>
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<tr>
<td>Goal 16 Peace, Justice &amp; Strong Institutions</td>
<td>7 out of 12</td>
</tr>
<tr>
<td>Goal 17 Partnerships for the Goals</td>
<td>17 out of 19</td>
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CONSTRAINTS TO SDG ACTION AT LOCAL LEVEL

• Cities & local governments have many ongoing plans that support sustainable development.
• Challenging for cities & local governments to prioritize & adapt 17 SDGs & 169 targets & 240+ global indicators.
• Lack of political will nor incentives for aligned investment & action.
• Harnessing data revolution for sustainable development is lagging far behind what is needed and what is possible.
• Timebound SDG commitments have not been made at the local level with a few exceptions.
WHAT ARE SDGs COMPACTS 2020?

• **SDGs Compacts 2020** are envisioned as agile ‘mutual accountability agreements’ between stakeholders

• **TIMEBOUND** & locally-determined goals, targets, & milestones, *e.g.* Round 1: 2020; Round 2: 2025; Round 3: 2030

• **SDGs Compacts 2020** are intended to generate: *Political Will + Data + Funding = Aligned Action for Impact*

• **SDGs Compacts 2020** are proposed for “Certification”
WHO PARTICIPATES IN SDG COMPACTS?

• Proposed for cities & local governments
• Align myriad of efforts of all stakeholders: governments, the private sector, and civil society
• Engage investors, entrepreneurs, innovators and civil society organizations
• Subnational geographies in all 193 countries
• Including geographies addressing internally and externally displaced refugees, responses to natural disasters, humanitarian responses, and in war zones.
### WHY JOIN? SDG COMPACTS INCENTIVES

<table>
<thead>
<tr>
<th>Stakeholders gets</th>
<th>Local Government Gives</th>
<th>Local Government Gets</th>
</tr>
</thead>
</table>
| **Investors**     | • Investment in geographies likely to succeed  
                   • Align with pressures for sustainable development  
                   • Increase ROI | • “Official and public“ commitments to sustainable development  
                   • Streamline investment into local priority areas | • SDG Compact Certification  
                   • New investments that would otherwise not come  
                   • Lower interest rates  
                   • Better investment terms |
| **Financial Institutions** | • Investment in sustainable/impactful deals;  
                              • Mobilize government impact efforts | “Official and public “ commitments to SDGs | New Investments & guarantees that would otherwise not come |
| **Civil society** | • Clear understanding of local government priorities  
                      • Multi-stakeholder commitments  
                      • Mutual accountability | Commitments to support SDGs that aligns with priorities | Political support generated for sustainable development leadership & accelerated impact |
NEXT STEPS: SDGs COMPACTS 2020

• Design & Launch Planning Underway with Global Development Incubator (GDI)
• Identify “Trailblazer” Cities and Local Governments
• Identify Core Implementation Partners
• Design Key Features:
  ~SDGs Compacts Harnessing Data Revolution
  ~SDGs Compacts Financing: e.g. SDG Impact Investment Products
  ~SDGs Compacts Blockchain Applications
  ~SDGs Compacts Certification Processes
HOLY GRAIL: *Disaggregated, Real-time, Dynamic, Open, Usable, Actionable*
Failures in SDG Data Ecosystems

**Limited Demand**
- Low interest and understanding in the value of data
- Low literacy and capacity to access, analyze, use data
- Low ability to effectively signal demand

**Supply Mismatch**
- Low capacity and resources to produce quality data
- High costs of data, technologies, services
- Barriers to opening and sharing data
- Deluge of unused or underutilized data

**Political Environment**
- Low policy-maker use of data for decision-making
  - Limited popular constituency demand

**Structural Environment**
- Asymmetric and Imperfect information
- Siloed communities and institutional frameworks
  - Lack of interoperability
  - Lack of trust
SDGs Actionable Intelligence

Slide developed by Jerri Husch and John Sabou of Action Intelligence
Global Partnership for Sustainable Development Data (GPSDD) was launched in 2015 to help achieve the Global Goals

“The Global Partnership for Sustainable Development Data supports data-driven decision-making by catalyzing more open, new, and usable data to help end extreme poverty, combat climate change and ensure a healthy life for all.”

—www.Data4sdg.org
SDG National-level Data Revolution Roadmaps: Engaging the Whole Ecosystem

- **Governance and Leadership**
  - Political leadership, policy and regulatory, organization and procedures, multi-stakeholder engagement

- **Capacity and Resources**
  - Financing, staff capacity and other resources

- **Principles and Standards**
  - Core principles and technical standards

- **Technology, Innovation and Analysis**
  - Data ecosystem, technology infrastructure, applications
SDG National Reporting Initiative: https://www.sdgreporting.org

**San José Green Vision**

**Overall Green Vision Progress, 2014**

<table>
<thead>
<tr>
<th>Category</th>
<th>Progress 2014</th>
<th>Target 2022</th>
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<tbody>
<tr>
<td>Clean Tech Jobs</td>
<td>48.0%</td>
<td>100%</td>
</tr>
<tr>
<td>Per Capita Energy Use</td>
<td>7.6%</td>
<td>25.0%</td>
</tr>
<tr>
<td>Renewable Energy Generation</td>
<td>23.7%</td>
<td>30.0%</td>
</tr>
<tr>
<td>Certified Green Building Space</td>
<td>10.5%</td>
<td>30.0%</td>
</tr>
<tr>
<td>Trash Diverted from Landfills</td>
<td>73.0%</td>
<td>100%</td>
</tr>
<tr>
<td>Transportation Mode Shift</td>
<td>66.7%</td>
<td>100%</td>
</tr>
<tr>
<td>Alternative Fuel Vehicles</td>
<td>41.0%</td>
<td>100%</td>
</tr>
<tr>
<td>New Trees Planted</td>
<td>12.3%</td>
<td>30.0%</td>
</tr>
<tr>
<td>Smart Streetlights</td>
<td>8.5%</td>
<td>100%</td>
</tr>
<tr>
<td>Trail Miles</td>
<td>36.8%</td>
<td>100%</td>
</tr>
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**San José Smart City Vision**

*Slide developed by Derek Ouyang, Stanford University Sustainable Urban Systems Initiative*
Bay Area, CA, Vision for Localizing SDGs Data

A **Local Reporting Platform** that manages data from block to city to region, back up to the National Reporting Platform

A **Data Dashboard** that helps entities and actors compare metrics spatially & temporally, set goals, and connect to resources

A **Toolbox** of apps and solutions that help decision-makers and constituents reach their local prioritized goals and targets

Slide developed by Derek Ouyang, Stanford University Sustainable Urban Systems Initiative
SDGs Compacts linked Muni-bond: Conceptual Model

**Step 1: Identify addressable social impact**
- Bond Issuer (Government)
  - Needs to finance a project in city with certified SDGs Compact

**Step 2: Structure and Model**
- Bond Underwriter (Bank)
  - Creates/distributes bond
- Rating Agency (Fitch/Moodys/S&P/HIP)
  - Evaluates potential financial risk & social impact of bonds, including SDGs Compacts Certification
- Independent Auditor
  - Verifies social & financial outcomes, including SDGs Compact Certification

**Step 3: Assess impact**
- Investor (HNWI/Institutional)
  - Buys bonds to earn $ & social ROI
- Intermediaries/Service Providers
  - SDGs Compact helps identify addressable social outcomes to include in the bond & facilitates fund flow
- Foundation
  - Off-sets financial risk with grant or other funds

Slide developed by Richard Crespin, Collaborate Up
What is Blockchain Technology?

• Blockchain aggregates data into “data blocks” that are synced up across a decentralized, online network consisting of thousands of computers.
• Data blocks are time-stamped & linked chronologically so that each new “data block” is unalterably chained to all previous blocks & simultaneously updated across decentralized networks.
BLOCKCHAIN APPLICATIONS
Increase transparency, security, and efficiency

- Digital Rights
- Escrow
- Pay for Success
- Trade & Customs
- Taxation
- Foreign Assistance

- E-commerce
- Global Payments
- Remittance
- Peer-to-peer Lending
- Microfinance

- Equity
- Private Markets
- Debt
- Crowdfunding
- Derivatives

- Identity
- Healthcare
- Title Records
- Supply Chain
- Voting
- Intellectual Property

BLOCKCHAIN TRUST ACCELERATOR (BTA)
SDGs Compacts 2020: Global Goals for Local Impact

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