



Linkages between the JCM and SDGs

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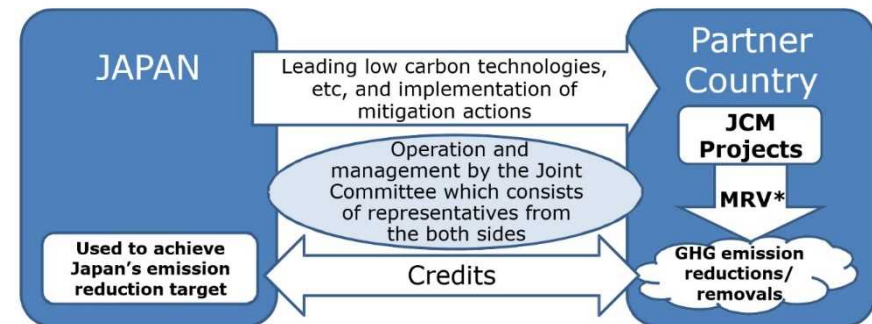
Outline

- **Climate change and SDGs: JCM context**
- **Key findings from IGES report “JCM contributions to SDGs”**
 1. Contributions to multiple goals and targets
 2. Implementing projects in different sectors
 3. Expanding JCM’s contributions to the SDGs
- **Impacts and responses of COVID-19: JCM potentials**

JCM introduction

- **Joint Crediting Mechanism (JCM):**

Diffusion of leading low carbon technologies, products, systems, services, and infrastructure as well as implementation of mitigation actions, and contributes to sustainable development of developing countries.



- **Current status (as of Sep 2020):**

17 partner countries and 178 projects

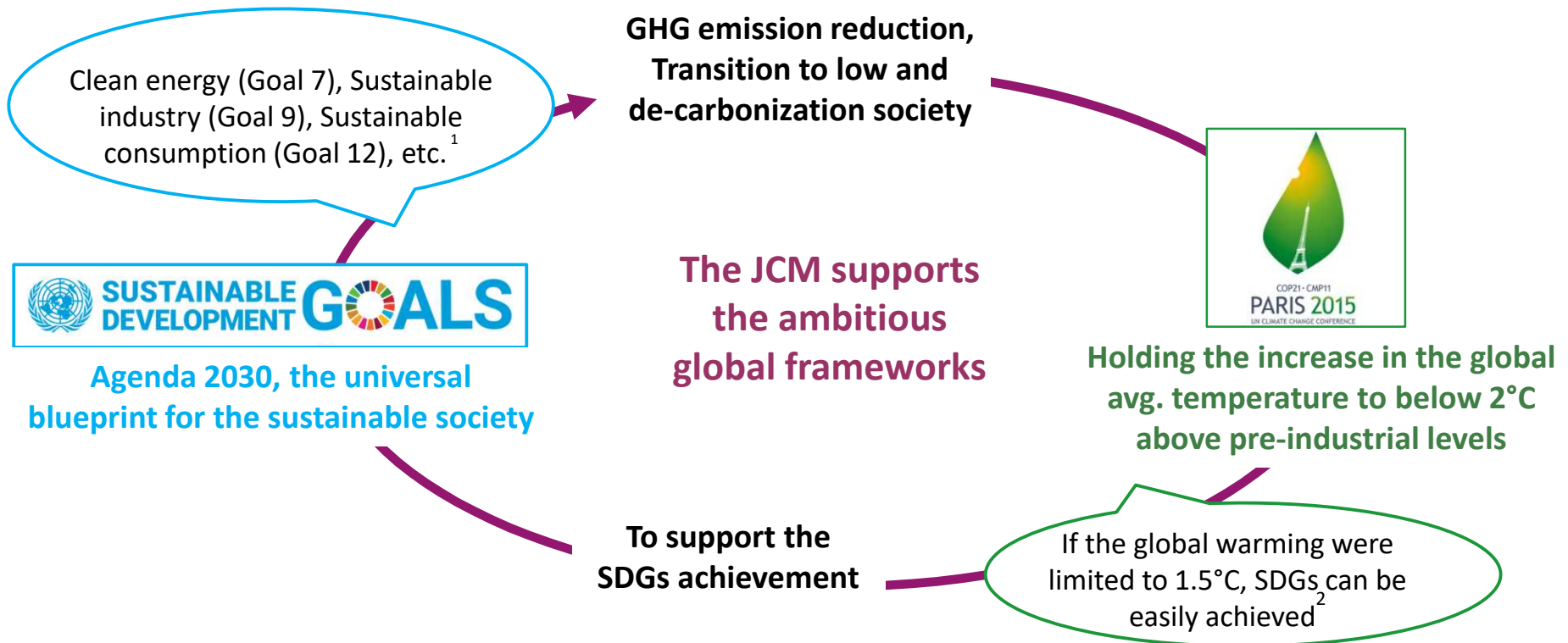
By 2030, the expected GHG emission reduction is approx. 13.7 million ton

- **Introduced technologies:**

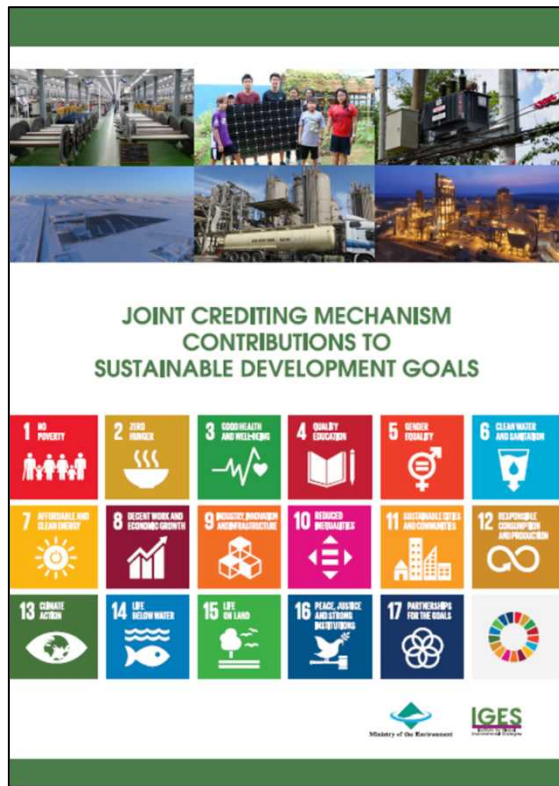
Renewable energy power generation technologies (e.g. solar, hydro, biomass)

Energy efficiency technologies (e.g. air-conditioning system, gas co-generation, transmission system)

Climate change and SDGs: JCM context



“JCM contributions to SDGs” report



The first report analyzed interlinkages of JCM and SDGs³

- Analyzed the JCM’s contributions to 17 Goals and 169 Targets
- Developed JCM-specific indicators (quantitative and qualitative)
- Evaluated 57 registered JCM projects (15 RE projects, 42 EE projects) and JCM scheme itself
- Referred to "Business reporting: An analysis of Goals and Targets" report UN Global compact network and Global Reporting Initiative https://www.globalreporting.org/resource/library/An_Analysis_of_the_Goals_and_Targets_jp.pdf



<https://www.iges.or.jp/en/pub/joint-crediting-mechanism-jcm-contributions-sustainable-development-goals-sdgs/en>

1. Contributions to multiple goals and targets

- JCM contributes to not only energy, environmental and economic goals of the SDGs but also social dimension of the SDGs



(Source: "JCM contributions to SDGs" report)

2. Implementing projects in different sectors

Common SDGs that JCM contributes to:



4.4 Technical training



7.a International cooperation to increase clean energy



9.4 Sustainable industry



12.4 Responsible consumption and management of natural resource



13.3 Improve employees' awareness of climate change



17.3 Mobilizing private capital to support SDGs



JCM contributions based on project types:

Introducing Waste Paper Processing System into a Packaging Paper Factory



7.3 Reducing energy consumption



12.2 Recycling resources
12.5 Recycling waste

Introducing high efficiency air-jet loom in a textile factory



7.3 Reducing energy consumption



8.2 Industry innovation in developing countries

(Source: "JCM contributions to SDGs" report)

3. Expanding JCM contributions to the SDGs

Common SDGs that JCM contributes to:



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Potential JCM projects:

1. Renewable energy in irrigation system



To contribute sustainable agriculture and increase efficient water management

2. Waste water treatment



To enhance public health and sanitation; and support sustainable

3. Solid and plastic waste treatment



To enhance recycling waste and contribute to reduction of ocean plastics

(Source: "JCM contributions to SDGs" report)

Impacts of COVID-19

Health:

- As of the 21th of Sep 2020, there were **30 million confirmed cases** and **over 950 thousand deaths** due to the COVID-19, affecting **more than 200 countries, areas and territories** (WHO⁴)

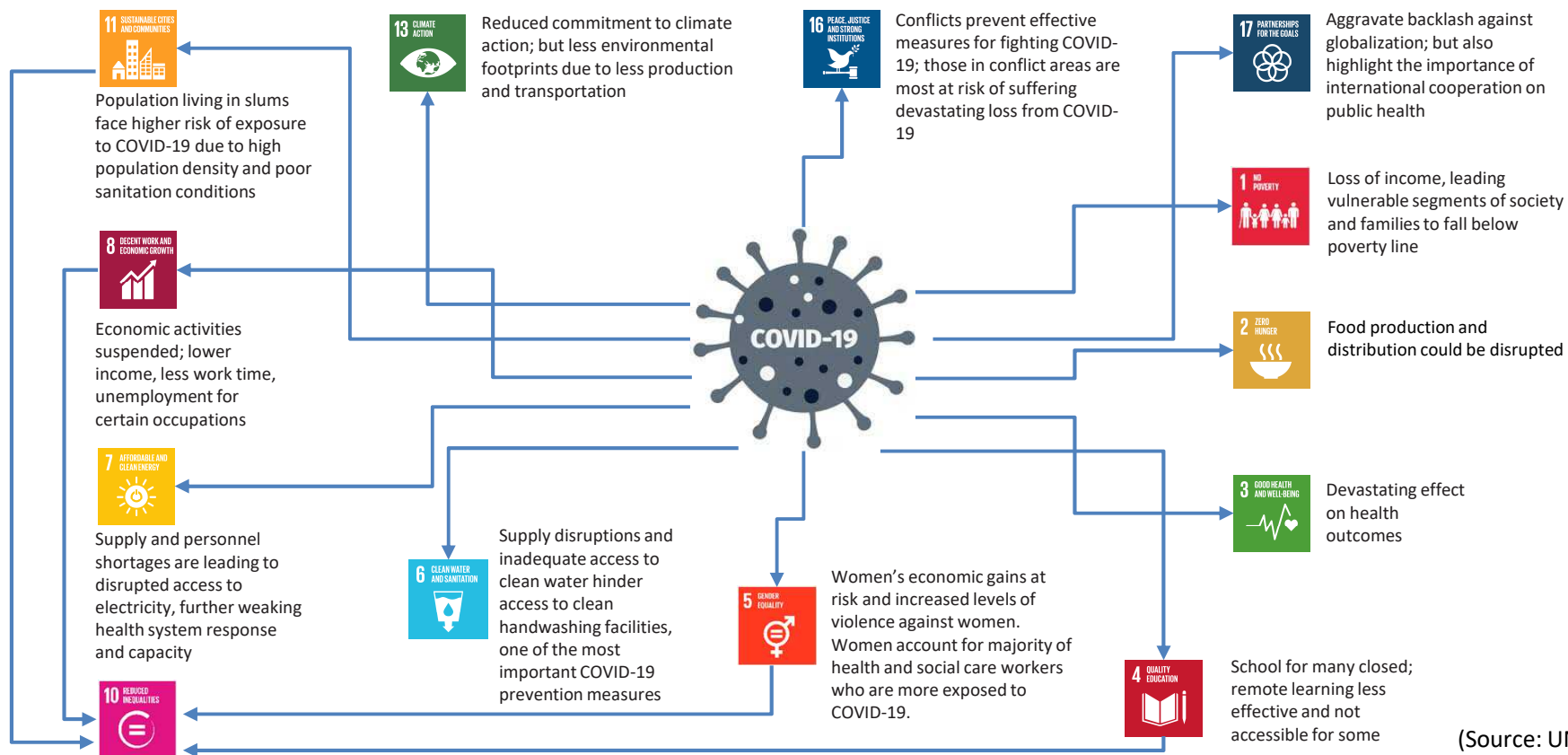
Economic:

- WB⁵ forecasts the global economy will **shrink by 5.2% in 2020**, around **155 million full-time jobs** were lost in the 1st quarter of 2020, due to the second wave of the pandemic, estimated **340 million jobs** may have been lost during the 2nd quarter of 2020 (ILO⁶)
- Emerging market and developing economies: pressure **on weak health care systems, loss of trade and tourism, and tight financial conditions** and mounting **international debt**.
- Estimated at **1.3 billion people** (two-thirds of the workforce) **in Asia and the Pacific** - expected to be the hardest hit by the economic shock of COVID-19. Loss in working hours in the 2nd quarter of 2020, **around 125 million full-time workers** in the region (UNDP Asia Pacific⁷)

Lifestyle:

- Lockdowns include **partial or complete lockdowns**, daytime curfews, **closure of educational institutions** and non-essential businesses, and **bans on public gatherings**.
- About **4.2 billion people** (54% of the global population), representing **almost 60% of global GDP**, were subject to complete or partial lockdowns as of the 28th of Apr 2020 (IEA⁸)

COVID-19 impacts on the SDGs



(Source: UNDESA¹³)

Responses to COVID-19: Green and Sustainable recovery plan

UNFCCC June Momentum⁹: Ms. Patricia Espinosa, Executive Secretary

- Recovery from COVID-19 should **address climate change**
- Establish **more inclusive and sustainable path** for all; and make **societies and people more resilient**

UN Framework¹⁰:

- Health first: **Protecting health services and systems**, **Protecting people**: Social protection and basic services, **Economic responses and recovery**: protecting jobs, small and medium sized enterprises, Macroeconomic response **and multilateral collaboration**, Social cohesion and **community resilience**

EU Green Deal¹¹ (Dec 2019):

- A roadmap for making the EU's economy **sustainable** by turning **climate and environmental challenges into opportunities** across **all policy areas** and making the transition just and **inclusive for all**.
- Sectors: specifically **transport, energy, agriculture, buildings, and industries** (steel, cement, information, textiles, chemicals)
- To boost **the efficient use of resources** by moving to a **clean, circular economy**; and To restore **biodiversity** and cut **pollution**

MOEJ Responses and Measures¹²:

- Recovering **economic activities** by supporting to install energy efficient ventilating equipment to reduce risks; and **securing employment** in national parks and tourist areas
- Building resilient economy **by improving supply chain** and production sites to **transit decarbonisation**

JCM potentials during the COVID-19

Recovery plan:

- Inclusive, Sustainable, Resilient society
- Protecting human and health services
- Multilateral collaboration, Solidarity
- Resource efficiency, clean energy, circular economy, biodiversity (Green Deal)
- De-carbonization
- Securing employment



JCM projects:



Summary

- **Climate change and SDGs: JCM context**
 - Supporting both international frameworks' ambitious targets
- **Key findings from IGES report “JCM contributions to SDGs”**
 - Contributions to multiple goals and targets through JCM projects
 - Implementing JCM projects in different sectors would increase chances to achieve SDGs
 - Future potentials to expand JCM's contributions to the SDGs
- **Impacts and responses of the COVID-19: JCM potential**
 - Impacts: Health, Economy and Social life
 - Responses and recovery plans should be Green, Sustainable, Resilient: Agenda 2030
 - By implementing JCM projects in essential sectors which the country needs can support the achievement of SDGs and recovery from COVID-19

“JCM and SDGs Linkage Guidance”

“JCM contributions to SDGs” series Volume 2

JOINT CREDITING MECHANISM AND
SUSTAINABLE DEVELOPMENT GOALS
LINKAGE GUIDANCE



- “JCM contributions to SDGs” series Volume 2
- A tool for identifying the JCM project contributions to the SDGs
- Included analysis of 17 Goals and 169 Targets (additional goals and targets)
- Linkages between the JCM project types and SDGs
- The JCM partner countries can use this guidance as a reference for analysing their projects



<https://www.iges.or.jp/en/pub/jcm-and-sdgs-linkage-guidance/en>

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Thank you for your attention

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