## Japan's AI Strategy and Society Principles of Human-Centric AI

#### A I Strategy: Basics

- > Dignity, Diversity and Inclusion, Sustainability to create Society 5.0 for SDGs
- > Four strategic goals

**Education** 

R&D

> Research, Industry and Society, Ethics are set to be focus areas

**Industry** 



**Data Platform** 

1

**AI Social** 

**Principles** 

**Digital Gov't** 

#### AI & Data Science Education (Strategic Goal I)

#### Actions

#### Target by 2025

#### **Expert level AI researchers and Engineers**

#### Researchers and engineers who can apply AI to own areas

- Promote double major AI×speciality
- Solving Local problem by AI

#### **Certified courses**

- University level
- High school level & Gov't certification

#### Reinforce course

- University courses
- High school courses & Project Based Learning

#### **Basic education**

- Dispatch ICT enginners
- Laptop/PC for every students

2.000

250, 000

(50% of collage graduate)

500.000 (All collage graduate)

1Million

(All high school graduate) (All elementary school students)

#### **Social Principles of Human-centric AI**

> Three Philosophies and Seven Principles for Creating AI-Ready Society

**\*What government shall provide to the nation for human-centric AI-Ready Society** 



### **Society 5.0 : Co-Creating Future by KEIDANREN (Japan Business Federation)**

> C HAPTER II

## The Nature of Society 5.0

- Digital technologies and data should be utilized to create a society where people lead diverse lifestyles and pursue happiness in their own ways.
- In the future, humans will require imagination to change the world and creativity to materialize their ideas.
- **Society 5.0 will be a Creative Society.**



Digital Transformation & Al-Ready Society X Diversity and Inclusion X Sustainability

#### > C HAPTER IV

## The fruits of Society 5.0

Compared with Society 4.0, Society 5.0 is characterized by problem solving and value creation, diversity, decentralization, resilience, and sustainability and environmental harmony.

The aim is to bring about a society where anyone can create value anytime, anywhere, in security and harmony with nature, and free from various constraints

s everyone accesses advanced
"abilities" in Society
5.0, they will be liberated from
various constraints that could not be
overcome up to Society 4.0, and will obtain
the freedom to pursue diverse lifestyles and
contribution to the society.

that currently exist.



Society 5.0  $\sim$  $\sim$  Society 4.0 **Problem solving &** Liberation from **Economies** value creation focus on of scale efficiency A society where value is created Liberation from **Diversity** Uniformity suppression of individuality A society where anyone can exercise diverse abilities **Decentralization** Liberation from Concentration disparity A society where anyone can get opportunities anytime, anywhere Resilience Liberation **Vulnerability** from anxiety A society where people can live and pursue challenges in security **Sustainability &** Liberation from High environmental environmental impact Mass resource and harmony consumption environmental of resources constraints A society where humankind lives in harmony with nature

Chart 3: Changes from Society 4.0 to 5.0

# Next Step From Human Centric to Planetary Agenda

