

Paradigm Shift in Our Society

1. Changing Economic and Social Systems

*Knowledge-, information/communication- and management-based society

*Increasing competition to gain resources, knowledge, information, technology, talent etc.

2. Multi-Polarizing World

World power map is changing : the rising BRICs (Brazil, Russia, India, China and other developing nations)

3. Globalization and Internationalization

The dimension has rapidly widened and deepened, influencing all sectors of our society and all aspects of our living

What could be the solution?

Innovation and entrepreneurship is the key

(Four viewpoints)

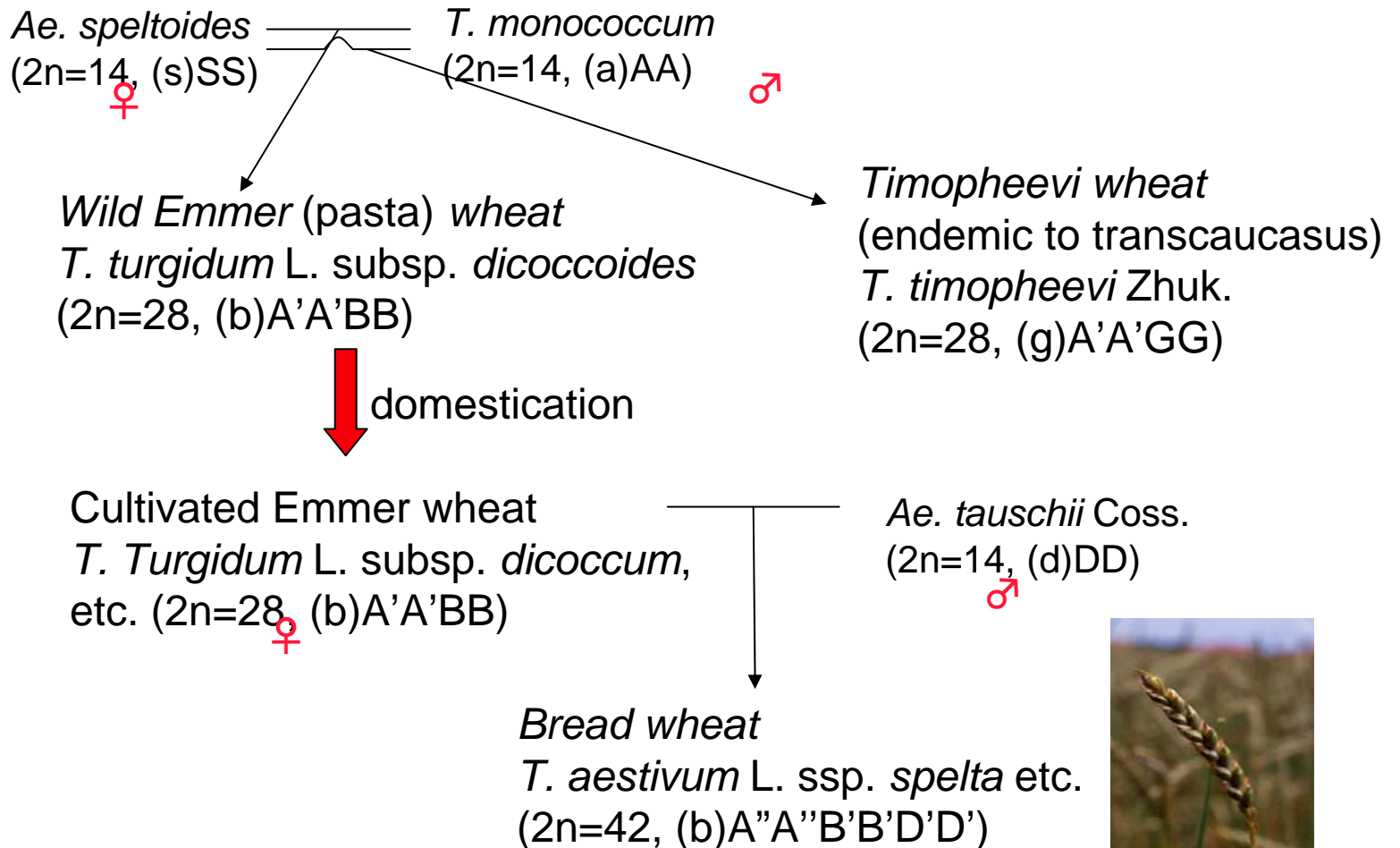
- Find solutions for the global and challenging problems through **cooperation and collaboration** with partners sharing the common interest and value
- Develop advanced and leading **model systems**
- Create diverse and advanced “**Intellectual property**”.
- Realize **the quality of life** and safe and secure society.

“Factors that contribute to the development of prosperous, sustainable and peaceful society in the global framework” are

 *Education
Science & Technology*

 *Innovation with
broader impacts*

Wheat Evolution vs EU Evolution



Genomes Integration and Differentiation

Factors to foster creativity and originality

(modified from Prof. Svante Lindqvist; Director of Nobel Museum & President of Swedish Academy of Science)

1. Ability and aptitude of individual scientists

- 1) The courage supported by persevering spirit to open up a new path in the old established way
- 2) A new perspective supported by knowledge and insight gained from different fields or disciplines (cross-disciplinary approach).
- 3) The ability to catch up serendipity (chance discovery) that comes from inspiration and playfulness of an imaginative mind

2. Research surroundings

- 1) A place where researchers with diverse talent can gather in high density
- 2) Active exchange among researchers via multilateral networks
- 3) An informal place where researchers can exchange their opinions and discuss freely
- 4) The freedom to find and move to a new place (mobility)
- 5) Free but disciplined competition

Inauguration of a New Era of Japan-Europe Academic Cooperation

A journey of thousand kilometers starts with
the first single step

We can not change the direction of wind, but
we can change the sails to the wind

Let us sail out to a better future !