

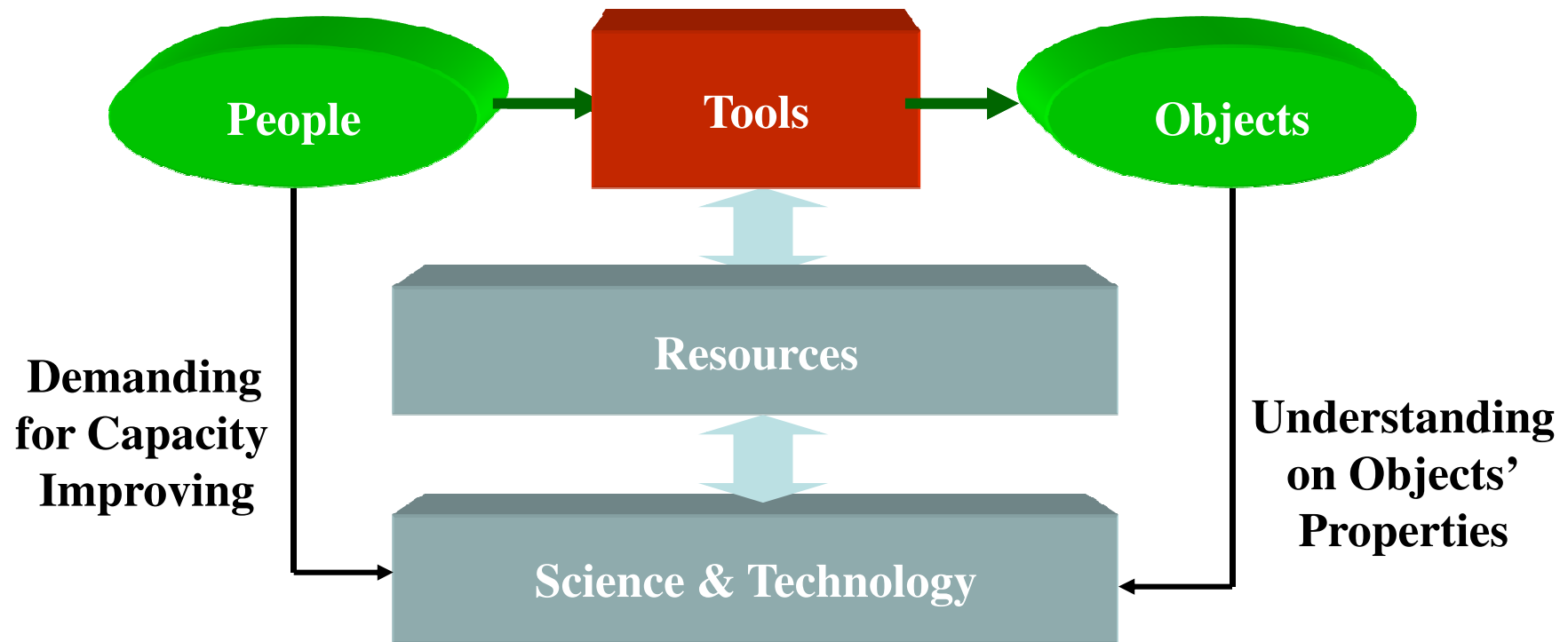
ICT : The Key Tech in Info Age

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How Is New ST Coming Up?

-- for Better Livings

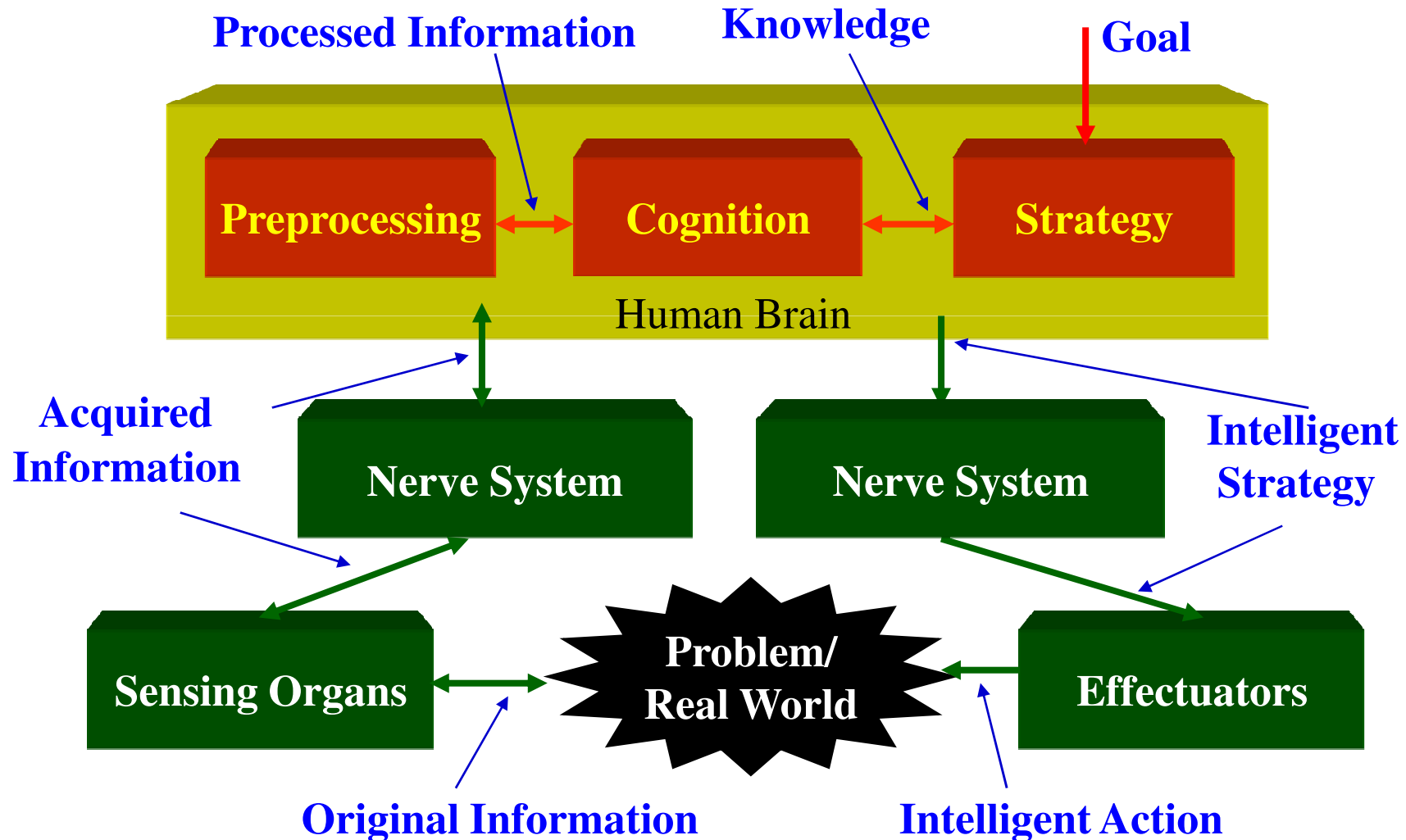


Advanced Tools are major embodiments of STI

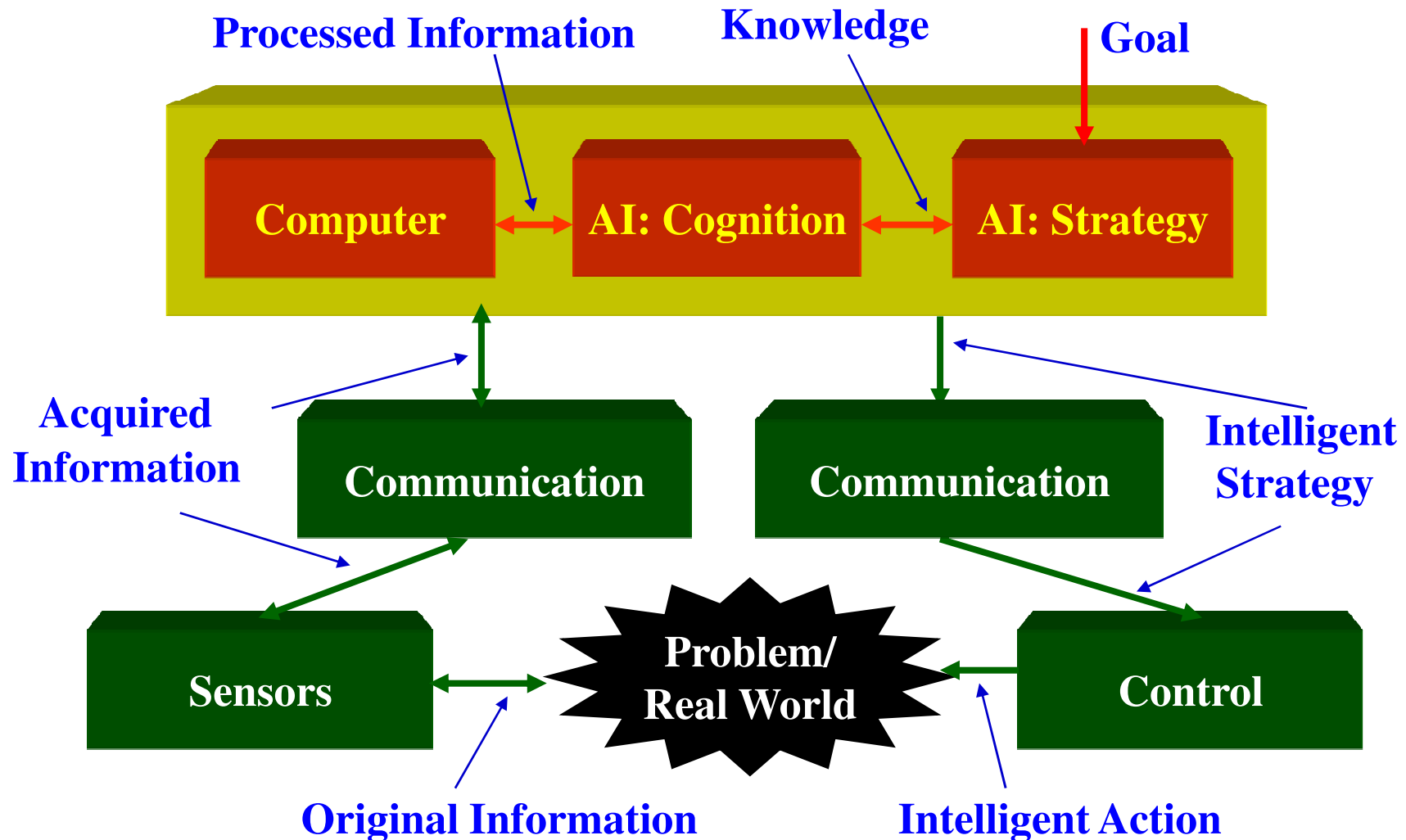
What's New in ST in Information Age?

| Ages | Agricultural | Industrial | Information |
|--------------------------------|-----------------------------------|-------------------------------|-----------------------------------|
| Featured Resource | Material | Energy | Information |
| Featured Sci & Tech | Material | Energy | Information |
| Tools | Man-Driven Tools | Power-Driven Tools | Intelligent Tools |
| Featured Function | Constitution Amplification | Strength Amplification | Intelligence Amplification |

What's Intelligent Process?

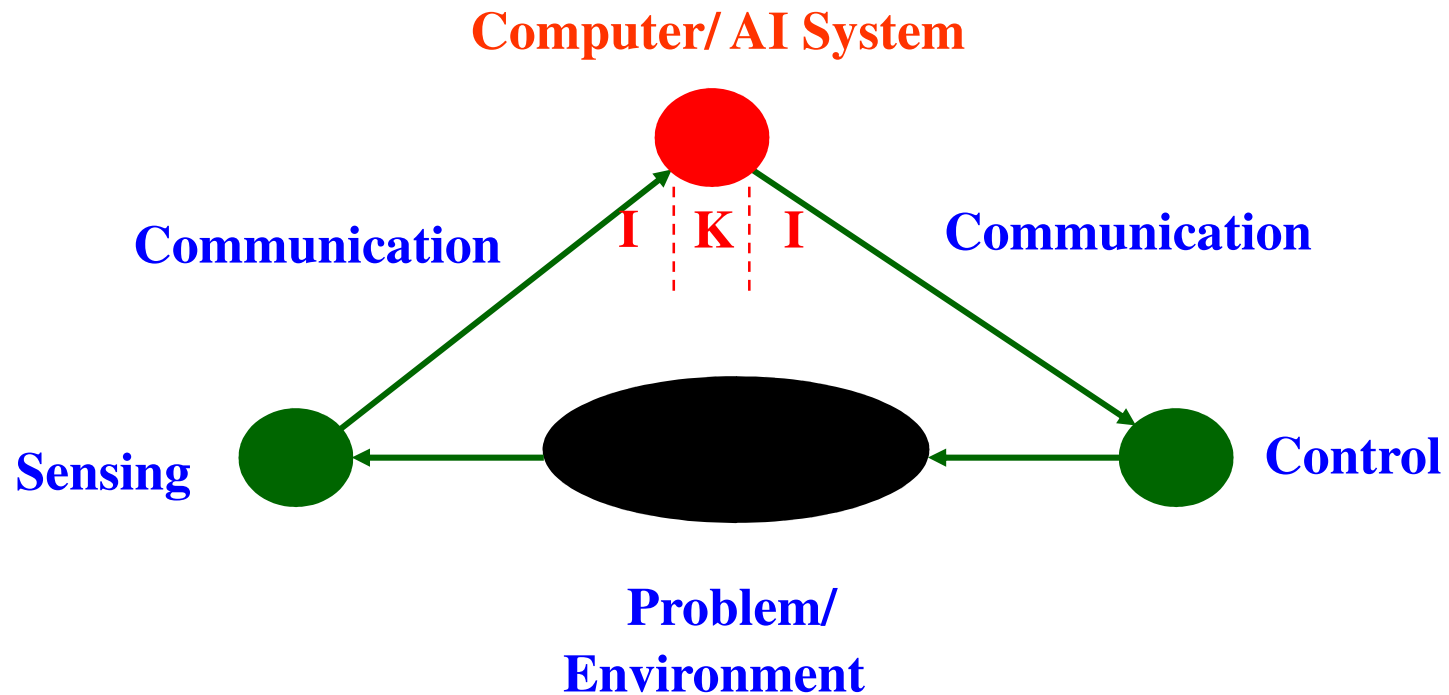


What's Intelligent Tool Like?



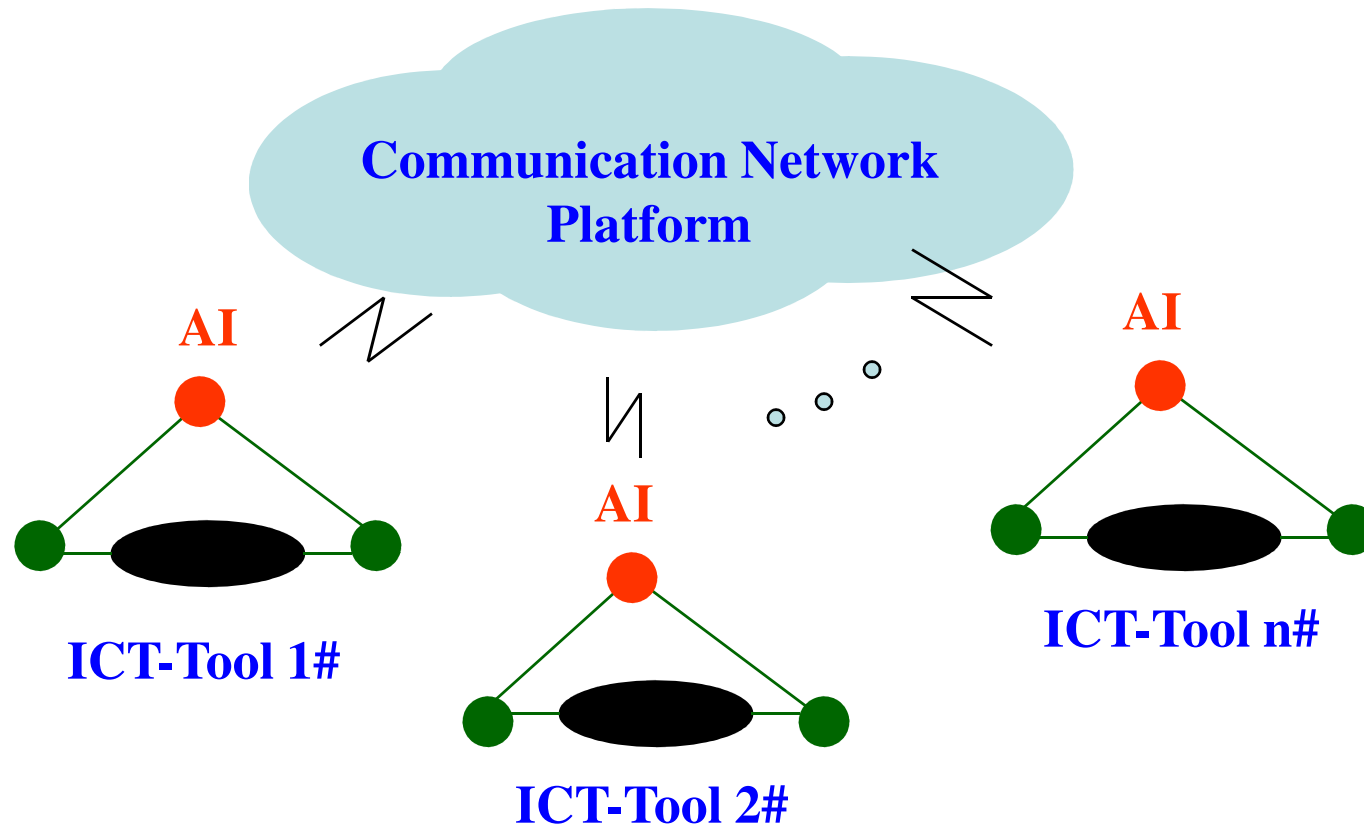
How Is ICT Related to I-Tools?

-- A Simplified Model of I-Tool



Why Is ICT the Key for Development?

-- Human-like Social Productive Tools



Does ICT Stand Alone for New ST?

As intelligent tool, ICT can do many things for humans and, on the other hand, as a kind of tool it needs support from other branches of ST:

- Energy
- Material
- Math
- Physics
- Knowledge from Brain and Cognitive Science

Also importantly, if you want to apply ICT to solve problems in any field, such ICT should be endowed with sufficient knowledge about that field. Otherwise, it cannot be succeeded.

After all, as intelligent tool, ICT can be regarded as a driving force for new ST in information age.

Why Is ICT Most Innovative?

Computer and communications are primary, or conventional, ICT.

It is intelligence that is the characteristic factor of advanced ICT.

The secret of intelligence, the origin of the cosmos, and the origin of life are the greatest challenges in ST and thus the most innovative areas.

Advanced ICT is the most powerful and useful tool for better life and for making the poorer richer.

A Specific Suggestion to ISTIC

As ICT, particularly Advanced ICT, is a kind of intelligent and universal tool for economic and social development, it is suggested ISTIC organize a World Congress on ICT for Development in 2009, WCID'09, inviting UNESCO, UN-GAID, ITU, WFEO, and other parties who have the same interest as co-sponsors.

The major topics for WCID'09 may at least include the following:

- (1) Soliciting great number of successful/unsuccessful cases of ICT for development to share among participants;**
- (2) Sorting various demands specifically in applying ICT for economic and social developments from participants;**
- (3) Seeking some successful models for wide spreading in practice.**