

The Nature of Digital World



The Association of Thai ICT Industry

สมาคมอุตสาหกรรมเทคโนโลยีสารสนเทศไทย

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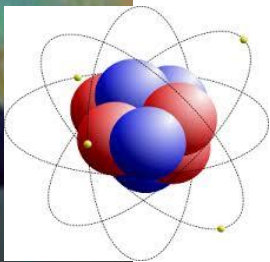


Nature to be commanded must be obeyed

Sir Francis Bacon (1561-1626)

Life

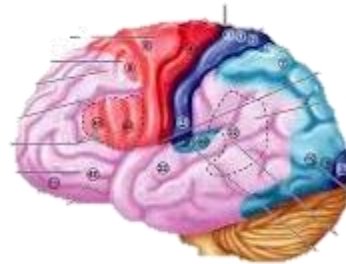
It Begins with Atom



Atom



Atom arrangement



Intelligence



Machine learning



Cyborg

Degree of complexity



Technology

The Promise to Fulfill Our Purpose

Data and Computation



Digital Technology



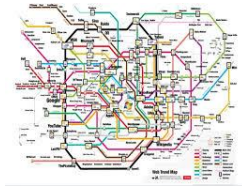
The Digital Economy



Technology

The Darker Side

Complex Environment



Inequality



Digital Entropy



*Expansion of
Public/Social
Disorders*

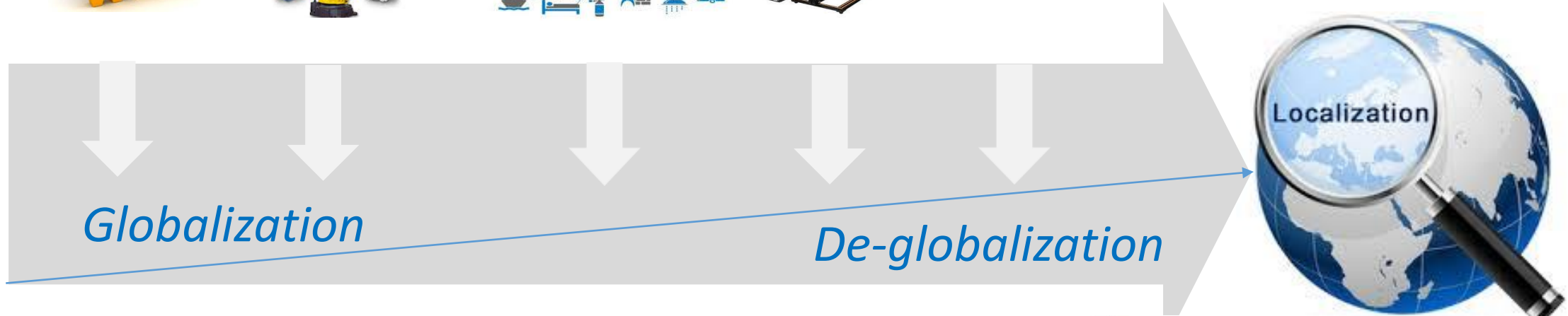


Message

- *Digital world is better understood by understanding how Nature works*
- *Digital world emulates Nature by using data and computation*
- *Nature arranges small cells that perfectly fit together to collaboratively grow and replicate*
- *The purpose of life can only be accomplished by nature's way*
- *Tech Speed outpaces people Prediction & Expectation; rigid plans, laws/regulations will never catch up*
- *Management Ability is the optimal way to win in the Digital World*

World Common Purpose

Vibrant Economy thru Trade and Make



Vision THAILAND 4.0

need

- *New Government System with New HR Workforce*
- *Committed to Change and Aggressive Leaders*
- *Stronger local Trade and Make*
- *New Projects, not dealing with Old Systems*



Selective/Strategic Projects

- *Germany: Project Industry 4.0*
- *Japan: Additive Manufacturing*
- *Korea: Robotics*
- *China: AI*
- *Singapore: 3D bio-printing*

New Projects

- *Future of Public Servant Institute*
- *Digital Issue Management Institute*
- *National SME Cluster*
- *3D Teachers – Building Digital Workforce*

Future of Public Servant Institute

Goal – To build better future Career/Advancement for Public Servants

Expected Outcome – Grow specific Skilled Professionals to help transform the government into Digital Government, to motivate Public Servants to take pride in contributing to reform the nation and better serve citizens through his professionalism, and to enhance their opportunity for job migration

Institute Form - A privately run and managed organization, incorporated by initial Government Seed fund

Discussion

