

Engineering System Change

Human & Technologies/Innovations/Policies

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My Journey



國立清華大學
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Hsinchu, Taiwan
BS IE 1984



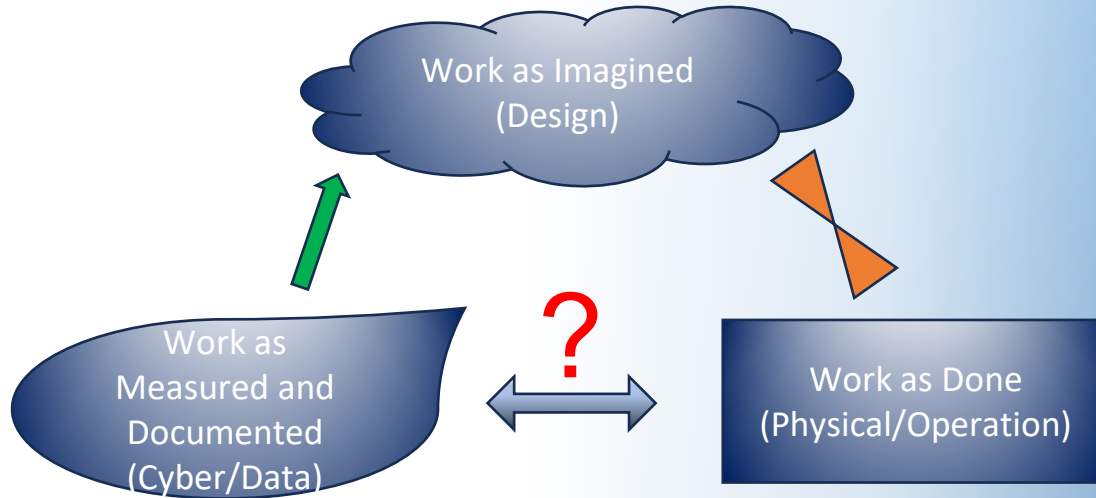
West Lafayette, IN
1989-



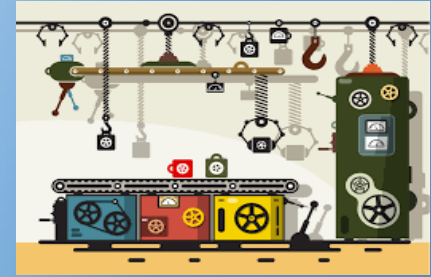
WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON

Madison, WI
PhD IE 1988

Change in Complex Systems: Human/Technology/Innovation/Policy



**Real-Time Decision Making
(Human Expert; Digital Model;
Optimization; AI/ML, LLM)**



Manufacturing/Supply Chains



Health/Wellness



Global Development



Humanitarian Supply Chain for Emergency Response



Traceability &
Coordination



Limited Capacity &
Resources



Accessibility, Usability
& Sustainability

- Implemented in
 - South Sudan (poverty, drought, conflicts)
 - Ukraine (war)
 - Caribbean (preparedness)
- Benefiting **over One Million People** as of today

