

Harnessing the 4th Industrial Revolution

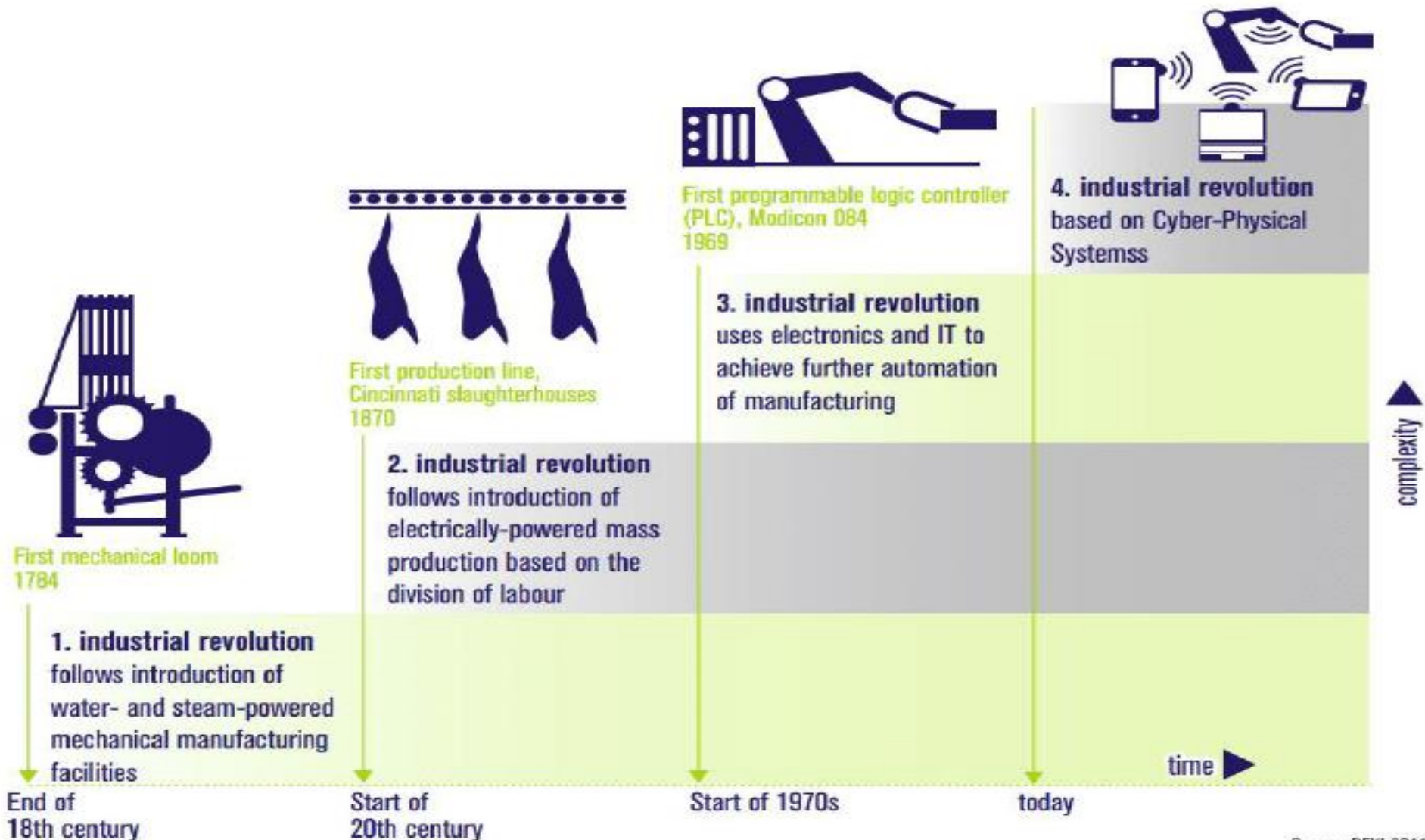
Sustaining the Future
through
Government - Academe - Industry
Collaboration



Marietta S. Gasatan
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Bohol Chamber of Commerce and Industry

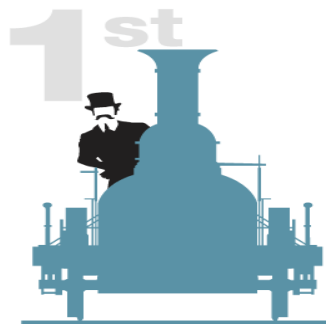


THE FOUR STAGES OF INDUSTRIAL REVOLUTION



THE FOUR STAGES OF INDUSTRIAL REVOLUTION

In the fourth industrial revolution, digital analytics enables a new level of operational productivity.



1st
Mechanization,
water power,
steam power



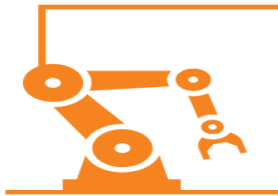
2nd
Mass production,
assembly line,
electricity



3rd
Computer and
automation



4th
Cyber physical
system



Maturation of new
cyber physical
technologies
(artificial
intelligence, 3-D
printing, robotics)



Data analytics
driving efficacy
and effectiveness
and new business
models



Pervasive
sensing
and
actuation



Ubiquitous
connectivity
throughout
the supply
chain



Unprecedented
levels of data
and increased
computing
powers

The 4th Industrial Revolution



Bridging

The 4th Industrial Revolution

**Tourism as one of the major industries
in Bohol and Region 7**



What are the Challenges?

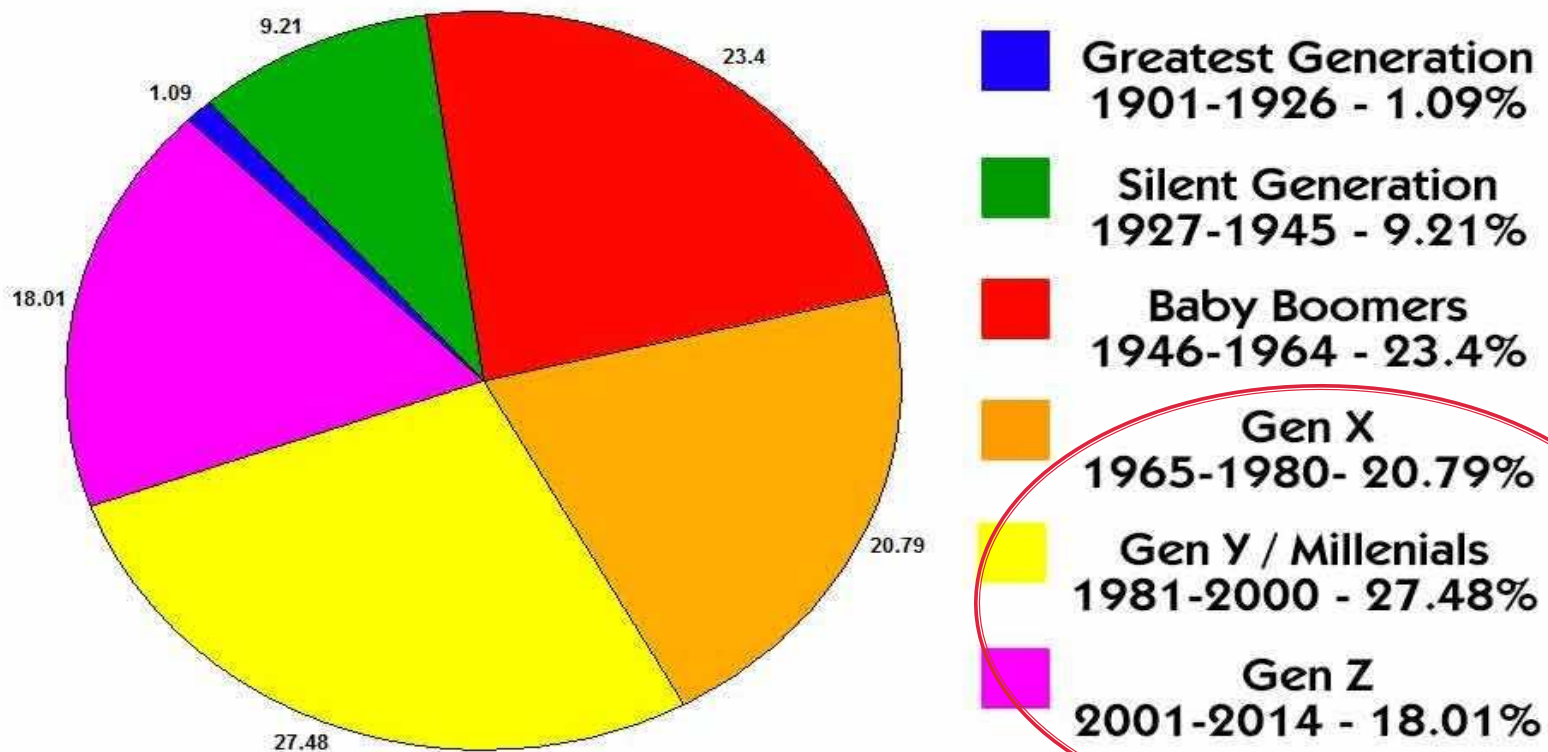
- ❖ Culture and Heritage (or acceptance)
- ❖ Educational Gap and industry needs
- ❖ Political and government interventions
- ❖ The Nature of Tourism Industry
- ❖ Displacement of workers



Challenges

Generation Chart

(dates & percentage of population)



Identifying the actual needs of the industry and the community.



VENDING MACHINE WITH COIN CHANGER



STAGE : Prototyping

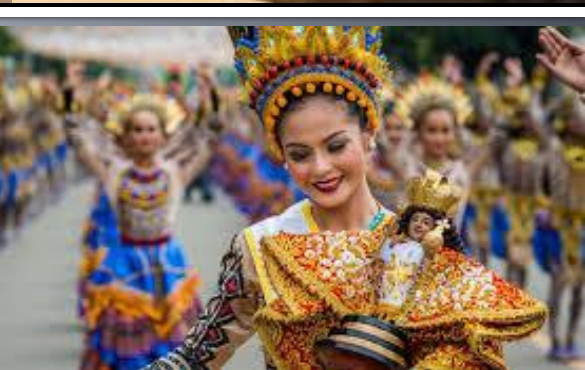
one of the Research of BISU Students made in Fablab Bohol is a vending machine that change coins from your bill.



BISU STUDENT
WORKSHOP
FOR RESEARCH

EVERY 1ST, 2ND AND 3RD SATURDAY OF THE MONTH
R & D WORKSHOP





What if ?

The Fourth Industrial Revolution is here



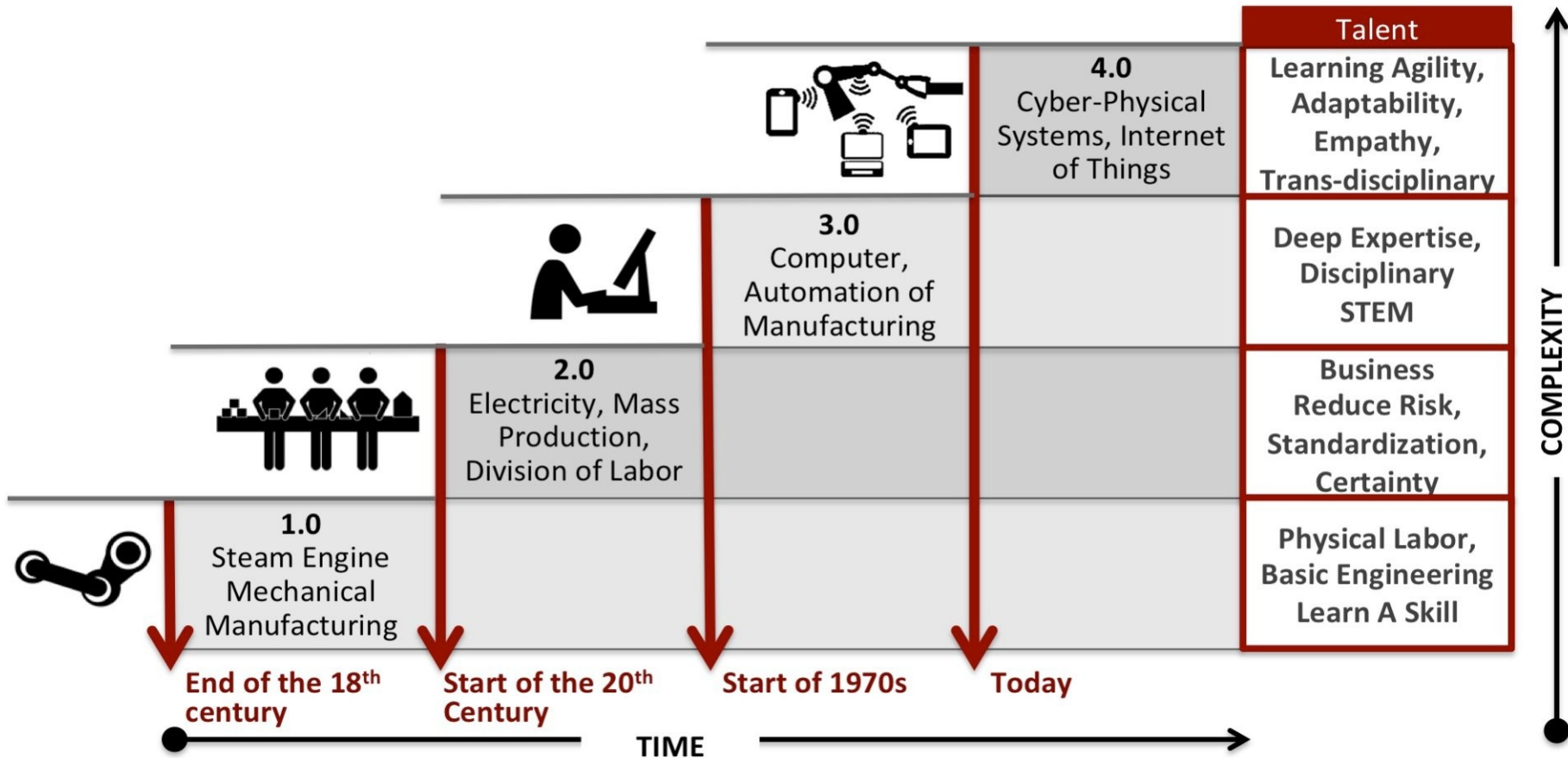
Imagine the possibilities?



**agriculture
industry as**



Context: Next Industrial Revolution (World Economic Forum 4th)



Thank you !

And a good day to all



Marietta S. Gasatan
Vice President- External Affairs
Bohol Chamber of Commerce and Industry

