

Western Digital.

S

SCIENCE

T

TECHNOLOGY

E

ENGINEERING

M

MATH

FOR PEOPLE

I1: Initiative

HR Innovative training

HR Innovative talent
development

HR Innovative
recruitment

HR Smart office &
Smart Factory

PEOPLE :

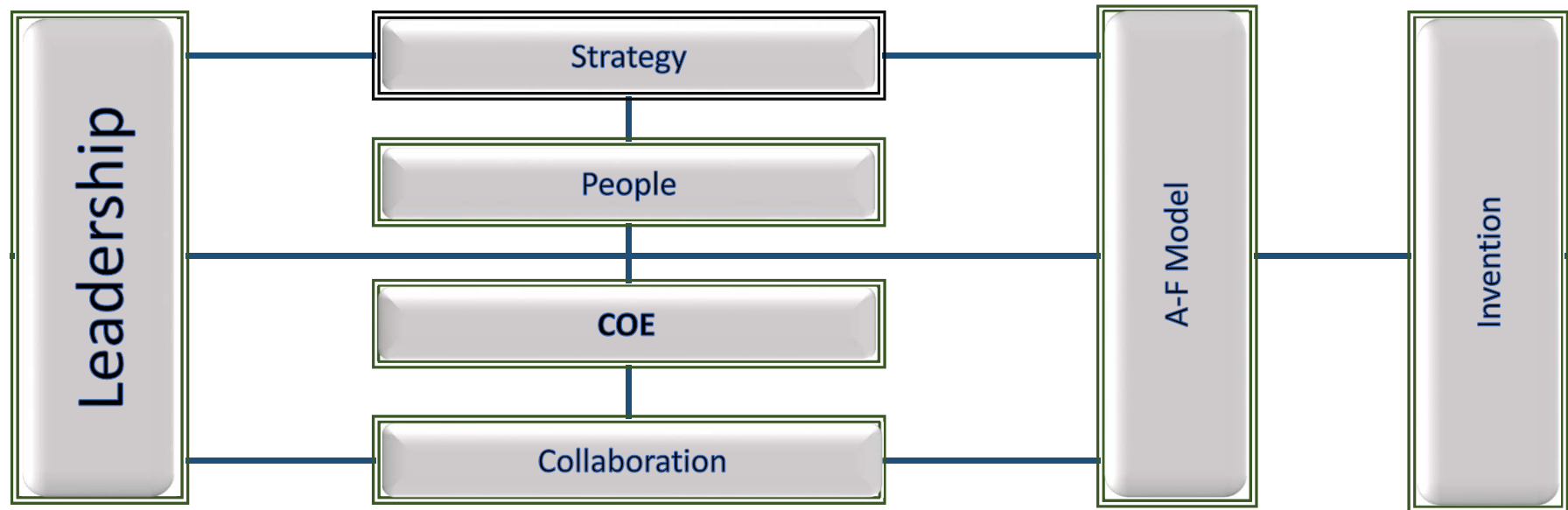
Knowledge , Capability , Innovation
For WD, Universities, Government Institutes

Center of Excellence (COE)

STEM, MEISTER, SME,
Researcher , Master Builder

**Thailand
4.0**

I1: Initiative : Innovation frame work



“Thinking & Creating New Value”

People

- Growth Mindset
- Knowledge
- Skills
- Experiences

COE

- STEM
- MEISTER
- SME
- Researcher
- Master Builder

Invention

- Cost efficiency
- Best delivery
- Best quality
- Best services
- Technology
- Human well being

I2: Involvement

Western Digital

- HR
- R&D
- Engineering
- Manufacturing



- School/ Technical College (23)
- Universities (18)
- Government Institutes (9)
 - STEM Center (3)
 - Students (BS, MS, Ph.D.)
 - MEISTER (15)
 - Researchers (295)
 - Research Assistants

Center of Excellence (COE)

STEM, MEISTER, SME, Researcher , Master Builder

I3: Implementation



Meister Training / Train the Trainers

People development_ Train the Trainer program



Event: Innovation Bazaar

Thailand Innovation Bazaar 2017@BPI



AMCHAM Award



Her Royal Highness Princess visit



Smart Factory Platform



- Quality dashboard
- Productivity dashboard
- OEE dashboard
- Energy Management
- Predictive Maintenance
- Fault Detection



FY2016

FY2017

FY2018

FY2019

FY2020

FY2021

Project Base Learning (PBL)

BPI HDD Innovation team



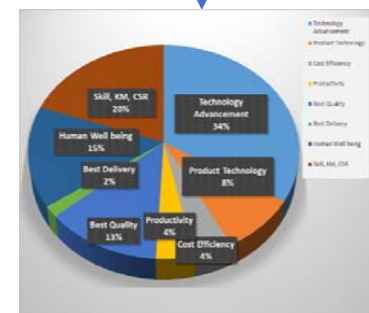
Team Roster



COE/ Space



STEM for People
(Operator, Co-Op Student ,
Technician, Engineer)



I4: Integration

STEM CURRICUKUM



STEM TRAINER



STEM CLASS



STEM INDUSTRY PROJECT



STEM CO-OP student

STEM KIDS



TRAIN THE TRAINER



STEM
OPERATOR



MOBILE
APPLICATION



STEM TECHNICIAN
STEM ENGINEER



MEISTER KMUTNB



STEM CO-OP
STUDENT



IOT PLATFORM



STEM
OPERATOR



STEM
MEISTER WD



WD/MEISTER
TECHNICIAN
ENGINEER



SMART
FACTORY

- Motivation
- Idea
- Fulfill Knowledge
- ICP
- Collaboration
- Projects

15: Impact (Innovative talent development)



MEISTER : KMUTNB



STEM TRAINING: EMPLOYEE'S CHILD



TRAIN THE TRAINER : BANGKOK UNIVERSITY



**COE-STEM :
AMCHAM Award**



This is another memorable recognition for Western Digital Thailand. Our sincere appreciation goes to The American Chamber of Commerce (AMCHAM) for the outstanding "The Ambassador's Partnership Award 2017 (Excellence in Partnership Award)" presented to us by the US Ambassador to Thailand, His Excellency Mr. Dan Claitor.

For so many years, we at Western Digital have been carrying out many integral value learning initiatives to support education in Thailand, including:

- STEM Education for Kids
- Cooperative Education and Work-Integrated Learning
- Talent Mobility and Research Collaboration
- Center of Excellence (Innovation and Learning Center) to enhance both internal and external stakeholders for business and social purposes.

We have been doing all these kinds of activities intensively for more than 10 years. We will continue doing them and creating more projects with a commitment to support the business and to build the better and greater future of humanity.



15: Impact (Innovative training)



WD STEM/MEISTER TECHNICIAN



WD STEM/MEISTER ENGINEER



STEM OPERATOR



STEM Co-Op STUDENT



STEM FOR KID

15: Impact (Innovative recruitment)

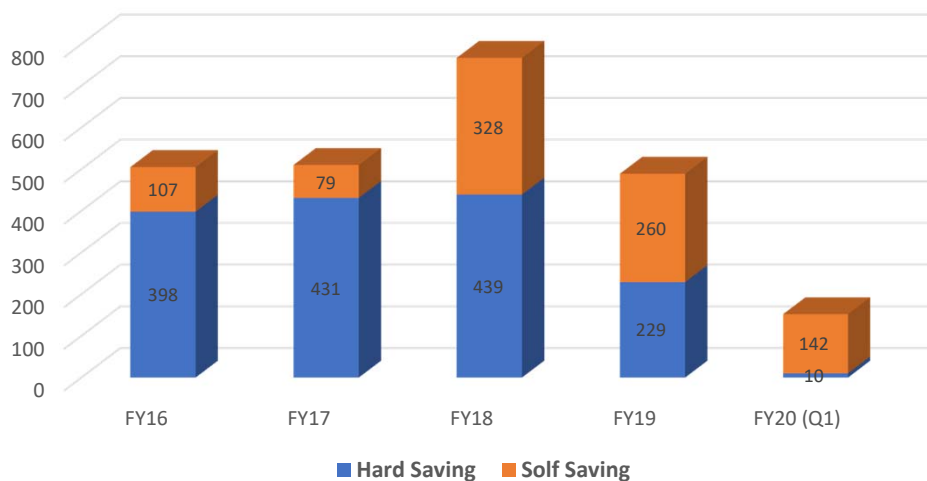


Patent Award , Invention Award, Trade Secrete Award , Confidential Information Award

I5: Impact (Innovative recruitment > Smart office & Smart factory)

| When | Idea Submit | Completed Project | Hard Saving (K\$) | Soft Saving (K\$) | Saving (K\$ USD) |
|------------------|---------------|-------------------|-------------------|-------------------|------------------|
| FY16 | 4,440 | 143 | 398 | 107 | 505 |
| FY17 | 6,662 | 597 | 431 | 79 | 510 |
| FY18 | 2,919 | 832 | 439 | 328 | 767 |
| FY19 | 4,200 | 800 | 229 | 260 | 489 |
| FY20 (Q1) | 1,949 | 139 | 10 | 142 | 152 |
| Grand TTL | 20,170 | 2,511 | 1,507 | 916 | 2,423 |

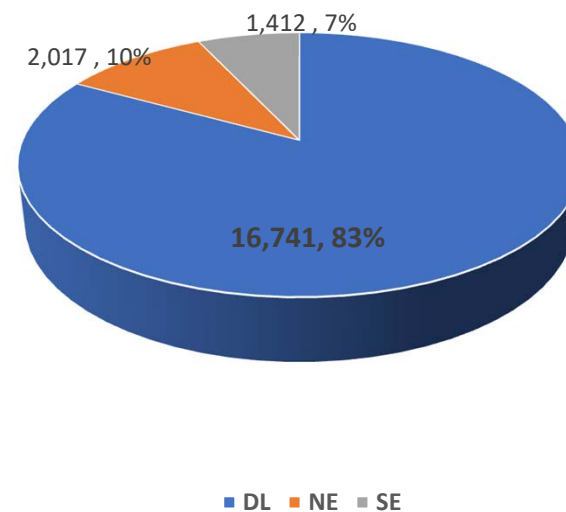
Cost Saving



| HC Group | HC Q1FY20 | % HC Participate | HC Participate |
|------------|---------------|------------------|----------------|
| DL | 9,534 | 98.99% | 9,438 |
| NE | 1,129 | 67.67% | 764 |
| SE | 821 | 87.09% | 715 |
| TTL | 11,484 | 95.06% | 10,917 |

| HC Group | Idea Participation |
|------------|--------------------|
| DL | 16,741 |
| NE | 2,017 |
| SE | 1,412 |
| TTL | 20,170 |

Idea Participation



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An abstract graphic on the left side of the slide, consisting of numerous thin, flowing lines in shades of red, orange, yellow, and blue. These lines create a sense of movement and depth, resembling a stylized flame or a digital signal. The lines are set against a solid black background.

Western Digital.