ACCA Regional Education Conference 2017

Work-Based Learning

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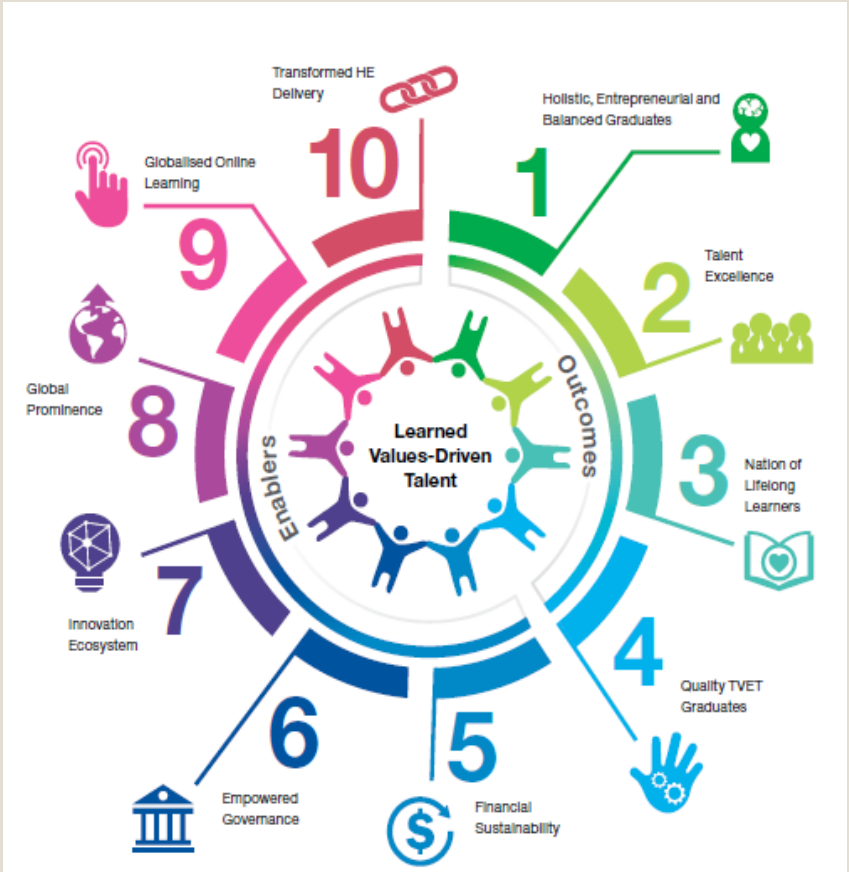
Presentation Outline

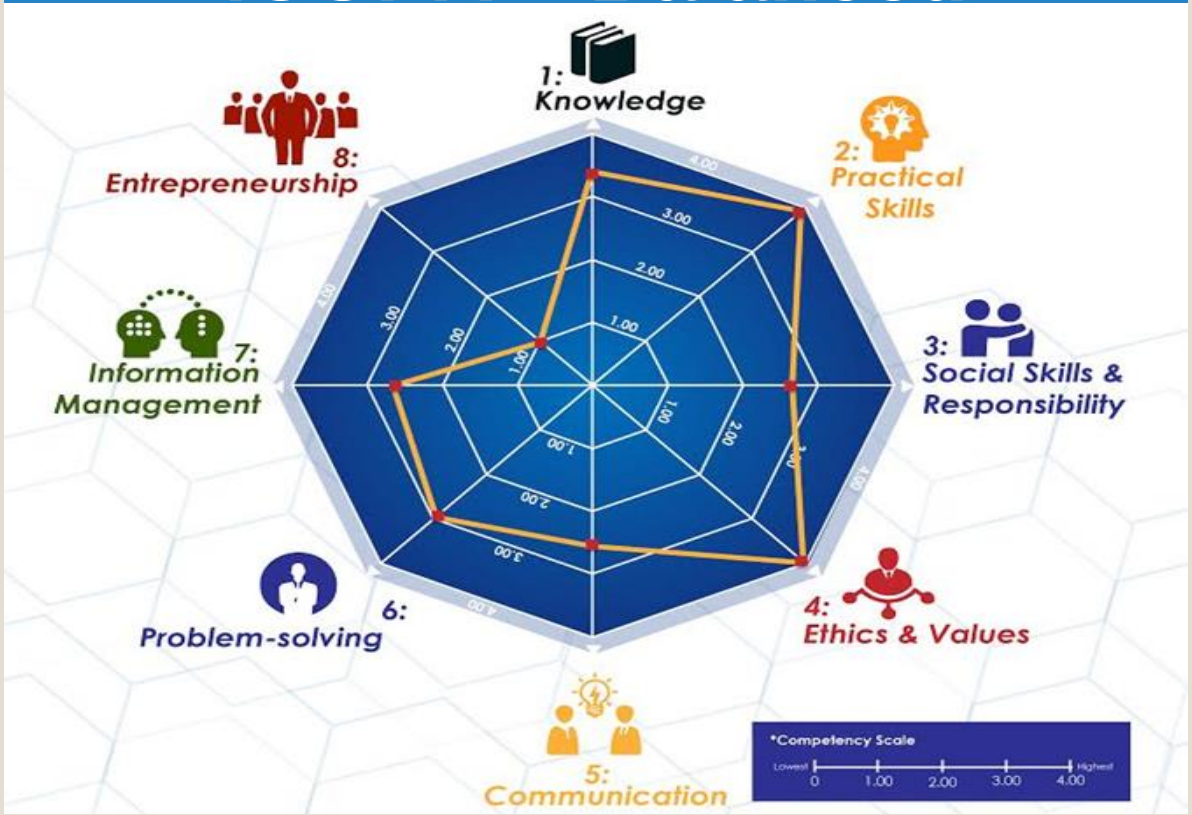
- MEB Blueprint (2015-2025)(HE)
- Redesigning HE
  - iCGPA
  - CEO Faculty
  - 2u2i
- HE 4.0

MINISTRY OF EDUCATION MALAYSIA
Malaysia Education Blueprint
2015-2025
(Higher Education)


Transformed HE Delivery
10
Holistic, Entrepreneurial and Balanced Graduates
1
Globalised Online Learning
9
Talent Excellence
2
Global Prominence
8
Enablers
Learned Values-Driven Talent
Outcomes
3
Nation of Lifelong Learners
Innovation Ecosystem
7
4
Quality TVET Graduates
6
5
Empowered Governance
Financial Sustainability

JPT
KEMENTERIAN PENDIDIKAN TINGGI
SOARING UPWARDS
LEARNING NEVER STOPS
APEL
MALAYSIA MOOC
MASSIVE OPEN ONLINE LEARNING
UNIVERSITI MALAYSIA KELANTAN
YEAR 1 & 2
YEAR 3
YEAR 4
UPM
YEAR 1 & 2
YEAR 3 & 4
2u2i
Work-based learning degree programmes
UNIVERSITY OF MALAYA
133rd in the World
2013 2014 2015 2016
167 151 146 133
@ FACULTY PROGRAMME
REDESIGNING
HIGHER EDUCATION
SOARING UPWARDS
MALAYSIAN HIGHER EDUCATION
RECOGNITION
Modular Stackable
TVET
Technical & Vocational Education & Training
iCGPA
Holistic Graduates : Integrated Cumulative Grade Point Average
TOP 1% in the World
Malaysian Research Universities
*There are approximately 30,000 universities worldwide
TOP 100 Subjects in the World
SUBJECT 2015 2016
32 30
51-100 37
51-100 46
TOP 51-100
1 MIT Massachusetts Institute of Technology (MIT)
6 University of Oxford
12 National University of Singapore (NUS)
75 The University of Nottingham
133 Universiti Malaya
135 Kyushu University
148 Cardiff University
214 Georgetown University
252 Chulalongkorn University
252 RMIT University
270 Universiti Putra Malaysia
276 Queensland University of Technology (QUT)
288 University of South Australia
288 Universiti Teknologi Malaysia
291 University of Ottawa
296 University of California, Santa Cruz
302 Universiti Kebangsaan Malaysia
325 Universitas Indonesia
327 Heriot Watt University
330 Universiti Sains Malaysia
363 George Washington University
1: Knowledge
2: Thinking Skills
3: Social Skills & Responsibility
4: Ethics & Values
5: Communication
6: Problem-solving
7: Information Management
8: Entrepreneurship
RESEARCH
THOMSON REUTERS
THE WORLD'S MOST INFLUENTIAL SCIENTIFIC MINDS 2014 - 2016
Cambridge Intervarsity Debate Champion
11 International University Branches in Malaysia
TOP 50 UNDER 50
UNIVERSITY RANK
UNIVERSITI PUTRA MALAYSIA 17
UNIVERSITI TEKNOLOGI MALAYSIA 25
UNIVERSITI KEBANGSAAN MALAYSIA 26
UNIVERSITI SAINS MALAYSIA 33
KUALA LUMPUR
MOST AFFORDABLE CITY
IN THE WORLD FOR STUDENTS

iCGPA – Balanced



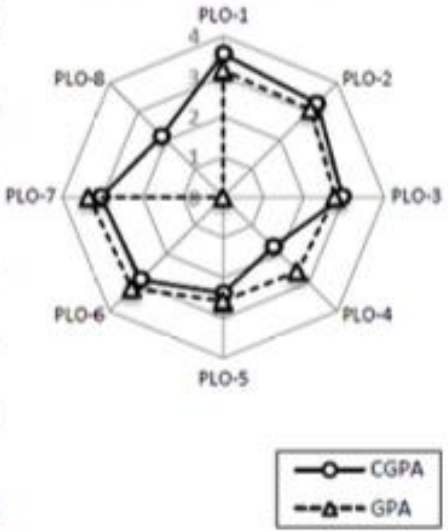
Sept 2016: Five pilot universities/ faculties/ programmes

Sept 2017: Thirteen universities/ faculties/ pogrammes

iCGPA: LEARNING OUTCOMES ATTAINMENT

PROGRAMME LEARNING OUTCOMES (PLO)		MQF LOD*	GPA	CGPA
PLO-1	KNOWLEDGE Apply fundamental knowledge based on facts, concepts, principles and theories related to Computer Science.	MQF1	3.15	3.56
PLO-2	PRACTICAL & PSYCHOMOTOR SKILLS Demonstrate psychomotor and practical skills in solving Computer Science problems.	MQF2	3.07	3.30
PLO-3	INTERPERSONAL SKILLS & SOCIAL RESPONSIBILITY Demonstrate interpersonal skills and social responsibility in applying principles and theories depending on situations.	MQF3	2.77	2.96
PLO-4	ETHICS & PROFESSIONALISM Demonstrate ethics and professionalism in practice that requires compliance to ethics principle and legal aspects.	MQF4	2.61	1.80
PLO-5	COMMUNICATION & LEADERSHIP SKILLS Demonstrate ability to communicate effective and leadership skill among co-workers, clients, employers and general public.	MQF5	2.58	2.38
PLO-6	ANALYTICAL & CRITICAL THINKING SKILLS Demonstrate analytical and critical thinking skills and use appropriate techniques in solving Computer Science problems.	MQF6	3.21	2.90
PLO-7	LIFELONG LEARNING & INFORMATION MANAGEMENT Possess awareness on the importance of lifelong learning and information management skills for academic and career development.	MQF7	3.33	3.04
PLO-8	MANAGEMENT SKILLS & ENTREPRENEURIAL CHARACTERISTIC Demonstrate management skills and entrepreneurial characteristics in broad perspectives within real business environment.	MQF8	-	2.16
OVERALL			iGPA 3.07	iCGPA 3.27

Student's PLO Attainment

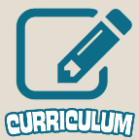


*Malaysian Qualifications Framework Learning Outcome Domains (MQF, clause 15, page 4)

SAMPLE

@ FACULTY
PROGRAMME
"LEARN FROM THE PROs"

CEO@FACULTY



Participation

Industrial sector as part of the national higher education system through sharing of experiences and expertise

Quadruple

HLIs moves from academia operating in isolation to the quadruple helix of academia, industry, government and local communities by coming together in partnership for incubation, development and commercialization of ideas.

Integration

Realize the integration and synergy between the industry experts with university researchers and students

Role Model

CEO as an icon for students and able to improve the existing curriculum through the sharing of knowledge, experiences and best practices

Employability

Enhancing student learning experience and reducing the mismatch in the supply and demand

Multi-track

Attract, recruit and retain the best talent especially from the industry practitioners by having multi-track career pathways

2 (3) years in *U*niversity
+
2 (1) years in ***I***ndustry

2u2i

Work-based learning degree programmes

Greater Exposure to real working environment

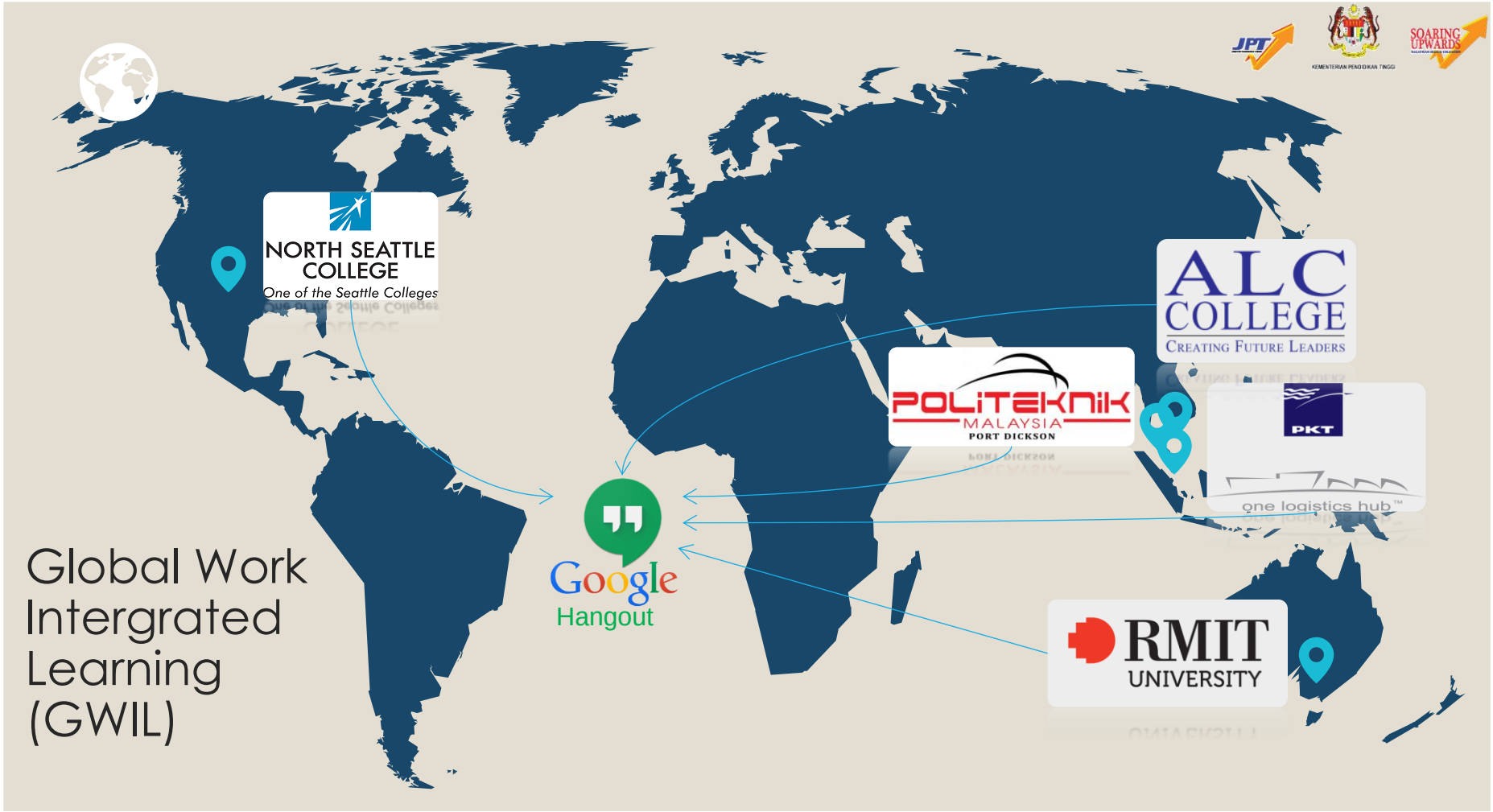
Conformed to industry need through industry involvement in curriculum design

Courses, delivery and learning methods offered by the universities are **Relevant**

2u2i

- Sep 2016: Six programmes
- Sep 2017: Twenty-one programmes

- UMT
  - Bachelor of Accounting (2u2i)
  - Teaching Accounting Firm (TAF) in campus
  - Five WBL subjects
- HEI-ACCA (3u1i)
  - Full-time with ACCA approved employers.



Global Work Intergrated Learning (GWIL)

WBIL

- Five institutions; Three different programmes (Accounting, Logistics, IB); Four countries; One industry
- HOW?
  - **Real case study** by industry
  - Student formulate **solution**
  - Communication– **video conferencing/messaging/email**
- CASE STUDY?
  - The impact on costing, fleet and environment by moving Penang operations from Butterworth and Kulim to OAH (One Auto Hub) Batu Kawan

Outcomes

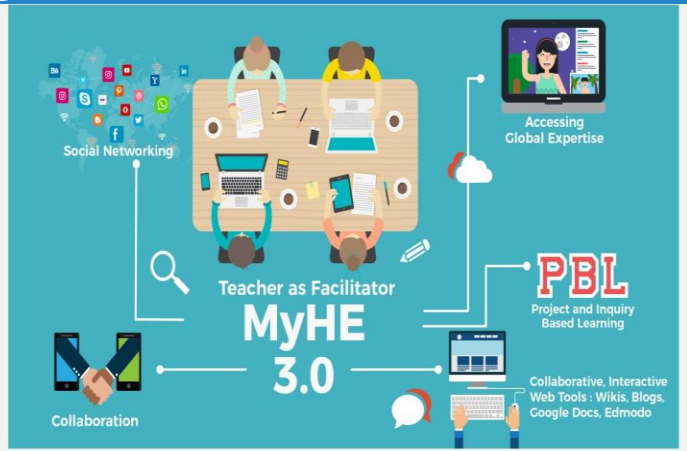
- Students gained real world experience
- Students gained key skills in working collaboratively on an international project
- Students learned effective international project management skills and built their cross-cultural capabilities
- Students produced a real plan ad outcomes for a real client by working internationally as a group
- Improve resume and employment options

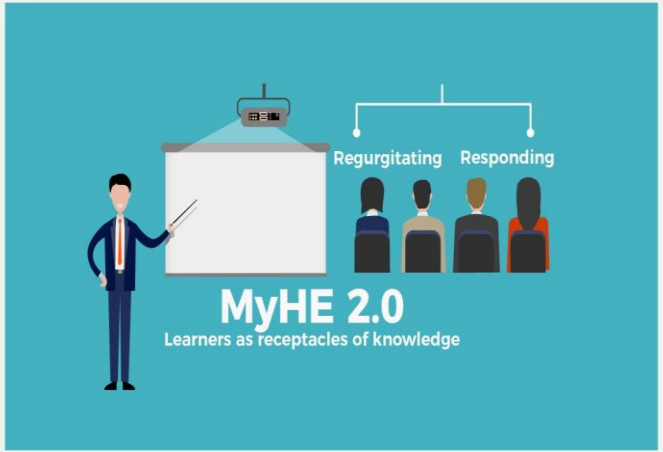
Challenges

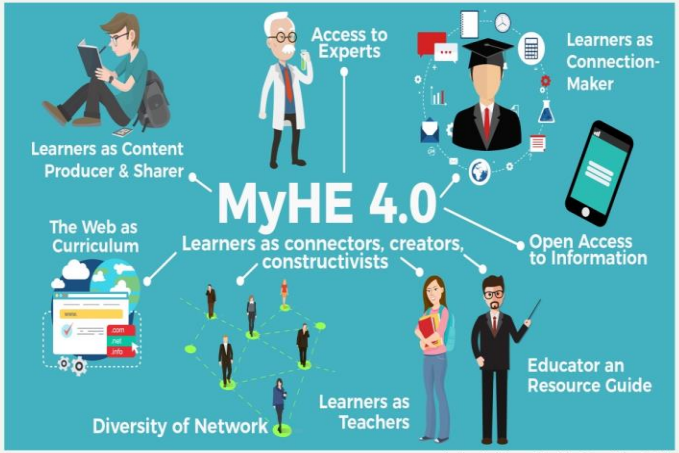
- 60,000 chartered accountants by 2020

- MIA newly elected President (Star Online 7 Sep 2017)
- "…accountants are facing a paradigm shift in their roles and the way they do things"…"MIA is paying close attention to technology disruption that was taking place in the accountancy profession"
- …a rising demand for tech-savvy accountants.

Delivery of Higher Education

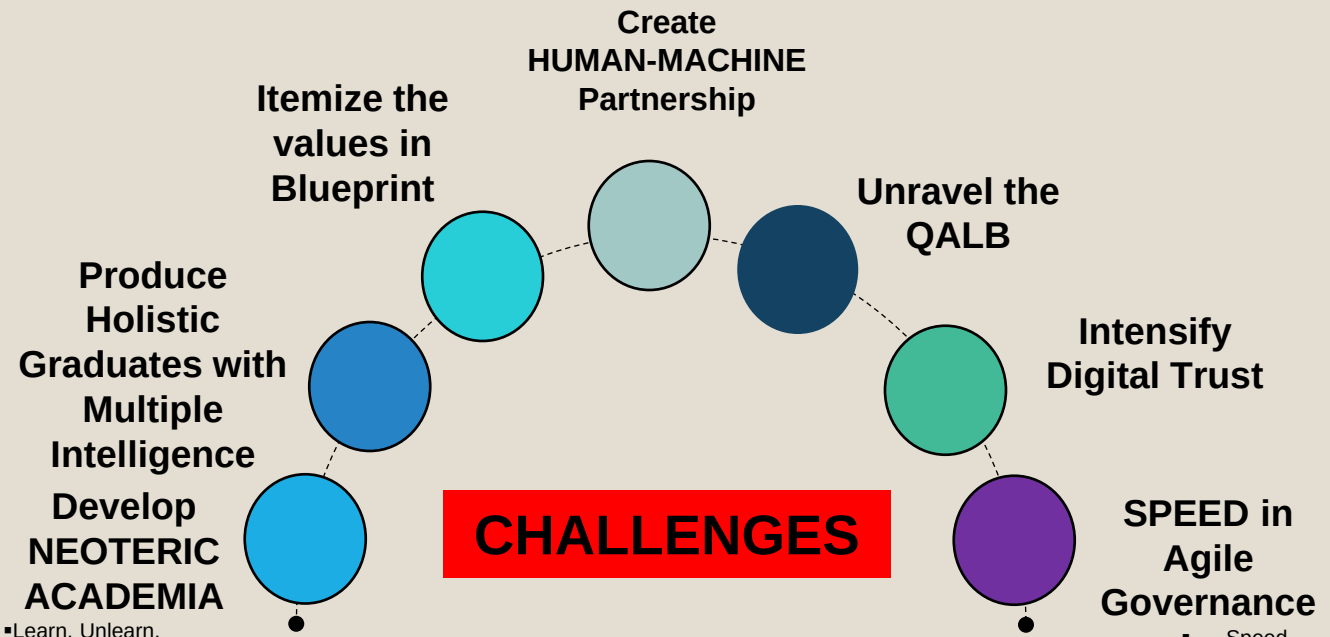






(adapted from Jackie Gerstein, 2014)

MyHE 4.0 Challenges



- Learn, Unlearn, Relearn, Unskill, reskill
- Engage in Teaching-Research Nexus

- Speed
- Productive
- Efficient
- Effective
- Delivery

Curriculum Content

21st Century Curriculum for MyHE 4.0

Thank You