



SKILLNET

the new EU funded Skillman's strategy
to develop a large network of CoVE

Implementing innovative TVET policies through transnational cooperation

609063-EPP-1-2019-1-IT-EPPKA3-VET-NETPAR

Valentina De Vico

Communication Manager, Skillman team



Skills
development



Policymakers



TVET
policies

Workspace



Examples of
excellence

International experts



Georgios Zisimos
Senior Advisor in EU
education policies, ETF



Giovanni Crisonà
Skillman President



Akma Hamid, President,
Institution of Diploma
Engineers Bangladesh



Hrvoje Kovač,
Youth Chairman, Culture,
Education and Youth, AER

Co-funded by the
Erasmus+ Programme
of the European Union



[illegible]

84 countries

84 countries

National Coordinator

Area Coordinator

Editorial Board Member

Counselor

Ambassador

International Board Member



The event is promoted by



Webinars on EU fund opportunities

The European Commission has set a Work Program for the next years that highlights the unique opportunity to lead the current transition to a fair, climate-neutral, digital Europe, which will affect every segment of our society and economic sector. The purpose will be achieved by the implementation of policy activities and funding opportunities in order to ensure effective project outcomes.

In this regard, the Skillman Alliance sees the importance of increasing the effectiveness of future project partnerships, thus has designed a number of webinars that will **bring together experts in different fields**, with the aim of **establishing relevant groups of collaboration for future EU project proposals**.

Each of them will be a valuable occasion to **set the basis for new EU programmes through cooperation and strategic thinking**.

The Worldwide Network for skills in Advanced Manufacturing

WHAT ARE THE BEST PRACTICES TO IDENTIFY AND ACCESS EU FUND OPPORTUNITIES?



Capacity-building in Higher Education 2021

Capacity-building projects in the higher education field are aimed at supporting modernization, accessibility, and internationalization in EU countries. The Skillman webinar, inspired by the same objectives, is an interactive panel discussion involving experts who will lay the groundwork for future EU project proposals, strengthen partnerships, improve HE curriculums and exchange governance practices.



Knowledge alliances in the maritime sector

The maritime sector has been a catalyst for the economic development and prosperity of the EU throughout its history. This webinar brings together HE organizations and businesses to brainstorm on effective strategies and actions to be taken in future EU call proposals, aimed at ensuring the long-term performance of the European maritime transport system as a whole to the benefit of all other economic sectors.



Policymakers Partnerships

Policymakers are crucial in the implementation of new strategies within the European region and are to be actively involved in the process of designing roadmaps in different areas. This webinar gathers a number of influential policy-making bodies in order to create new synergies and design inspiring policy recommendations to be carried out in future project proposals.



Youth policy Partnerships

A renewed EU Youth Strategy proposed by the European Commission suggests the importance of Engaging, Connecting, and Empowering young people across the European region within new policy frameworks. This webinar engages experts to establish partnerships on youth policies that will contribute to creating more opportunities for youngsters in future projects.

Join the Skillman Webinars on EU fund opportunities and become the protagonist of the TVET scenery. You will:

- Hold the stage in events with main representatives of the European Commission.
- Be the main keynote speaker at SIF 2020.
- Acquire visibility and recognition within an engaged community of professionals.
- Receive special mentions in sector-focused research papers, magazines and websites.
- Share your ideas on relevant topics with an elitist audience of selected worldwide experts.
- Contribute to shape the main trends of the future of TVET.

Experts are kindly suggested to register **HERE** at their earliest convenience, since activities will be **kicked-off in the following weeks**, and **priority will be given to early registrations**.



We are streaming live on
skillman.eu/live

Your feedback about this webinar counts!

tiny.cc/7uoesz

Leave your suggestions to policymakers!

<http://tiny.cc/2j3fsz>

Fabio Croci

Senior Project Manager, Skillman team



Skills
development

The diagram illustrates the components of the Skillman project. It features a central cluster of blue circles, each containing a portrait of a project member and a label. The labels are: 'Skills development' (with a woman's portrait), 'Policymakers' (with a woman's portrait), 'TVET policies' (with a man's portrait), 'Examples of excellence' (a large circle), and 'Workspace' (a small circle). The circles are interconnected, suggesting a collaborative and integrated approach.

Policymakers

Workspace

TVET
policies

Examples of
excellence



Implementing innovative TVET policies through transnational cooperation

Investing in people, their skills, and their knowledge is of utmost importance to respond to global challenges, maintain **social fairness** and drive **global competitiveness**

Transnational cooperation can implement innovative TVET policies and elaborate recommendations to policymakers to **foster improvement and innovation in the education and training fields.**

Top-notch international experts will present their approach to skills development in relation to transnational cooperation and will **share successful experiences** of innovative transnational training programmes.



VET innovation café
Dissemination campaign
32 VET innovation preparatory seminars

**FULLY INTEGRATED WITHIN THE
EUROPEAN VOCATIONAL SKILLS WEEK**



Georgios Zisimos

Senior Advisor in EU education policies, ETF



Skills
development



Policymakers



Workspace



TVET
policies

Examples of
excellence



ETF Network for Excellence

Georgios Zisimos
@Gzisimos / @etfeuropa



How we see the Centres of Vocational Excellence

**Engines for VET
development –
beacons for VET
reforms**

**Cases of good
vocational
schools/providers
(or clusters)**

**Examples of high
commitment to
change and
improvement**

**Examples of good
partnership
between relevant
stakeholders**



How CoVEs can help

Human capital
development

Attractiveness/
relevance of TVET

Global challenges-
internationalization
of TVET

Globalisation and
connectivity

Climate change

Technological and
digital change

Demographic
shifts

Network of Centers of Vocational Excellence

Selecting
countries

Mapping

Registry

Selecting CoVes



Becoming
Excellent

Know-how in
CoVes
development



ETF partner countries

Israel

Turkey

Russia

Kazakhstan

Algeria

Morocco

Jordan

Ukraine

Belarus

Moldova

Armenia

Azerbaijan

Georgia

Serbia

Montenegro

Albania

North
Macedonia



Expected outputs from ENE



PARTNERSHIPS



PEER
LEARNING



TOOLS



ENE focus areas (dimensions) 2020/2022

1

Lifelong
learning

2

Education-
business
collaboration

3

Pedagogy &
professional
development

4

Smart
specialisation



ENE focus areas (dimensions) 2020/2022

5

Industry 4.0
and
digitalisation

6

Autonomy &
Institutional
Development

7

Supporting
sustainable
goals

8

Social
inclusion



Self-assessment tool for CoVEs

Permits ENE members:

1

To reflect and self-assess to establish a baseline for development in line with selected dimensions

2

To establish priorities and set development goals taking into account their own aims and contexts

<https://twitter.com/etfeuropa/status/1281204313147281411?s=20>



Self-assessment tool for CoVEs

Enables the ENE to:

- Identify needs and plan cooperation and support services
- Analyze needs and progress by dimension, sector, country or maturity
- Evaluate impact for interventions
- Develop knowledge
- Systematically and explicitly account for the dimensions of excellence
- Design and review the framework
- Test relevance of framework through application



Actions foreseen through sub-initiatives

Permits ENE members:

1

Partnerships, “groups of CoVEs sharing common interests” are central to efforts of CoVEs to achieve excellence

2

Typically, CoVEs build and engage in partnerships to use resources efficiently, attract high quality teachers and trainers and produce tools and innovative curricula in niche economic areas.



Sub-initiative 1- Partnership on work-based learning

Progress and way forward

- Partnership signed with the Latvian Vocational Education Association

- 6 ETF Partner Countries (PCs) selected, by responding to defined criteria: Albania, Armenia, Belarus, Moldova, North Macedonia and Kazakhstan

- 12 representatives from schools or VET National Agencies appointed to be part of the initiative, 2 from each of the selected 6 ETF PCs

- 2 Peer learning activities to be implemented by 2021: Latvia and Estonia



Sub-initiative 1- Partnership on work-based learning

Progress and way forward

12 online coaching sessions for participating CoVEs from selected ETF PCs

6 coaching missions and on-site advice/coaching in ETF PCs

6 CoVEs from the 6 selected PCs will have the opportunity to undertake:

- A Baseline study: each CoVE can map its current WBL practices (find out where it stands) and analyse opportunities for development
- An evaluation of progress: measuring progress made by each CoVE 6 case studies to be developed



Sub-initiative 2- Institutional partnerships with other organizations

Joining forces with Skillman

- Peer Learning Clubs/Webinars with Skillman on Work Based learning and Teachers professional development
- Policy brief and peer learning actions on Digitalisation
- CoVEs from Partner countries will have the opportunity to cooperate with other CoVEs with similar needs, which are part of Skillman Network



Sub-initiative 3- Partnership on autonomy of CoVEs





Indicative timetable for deliverables in 2020

04-05/20

Creation of database/Registry and selection of
CoVEs for ENE

02/20

Letter to relevant
ministers of the
17 partner
countries

03/20

Collection of
replies from
partner countries

04/20 Launch
of 1st sub-
initiative
(partnership) on
work-based
learning

04/20

Launch of 2nd
sub-initiative
(institutional
partnership)



Indicative timetable Contd.

05-06/20

Consultation and test of Research Framework for
Dimensions of Excellence

06/20

ETF publication
on *CoVEs - An
engine for VET
development?*

06/20

Launch of 3rd
sub-initiative
(partnership) on
autonomy of
CoVEs and
public private
partnerships

11-12/20 Peer
learning
activities on
Work based
learning in
CoVEs

End 2020

Launch
conference of
ENE (place to
be decided)



Keep up to date

<https://www.etf.europa.eu/en/projects/network-excellence>



On the web



On OpenSpace



On Twitter



On FaceBook

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Annual online video contest



**SUSTAINABLE
DEVELOPMENT
GOALS**



Ethical Skills Award
Skillman gives a sense to learning



Giovanni Crisonà Skillman President



global CoVEs



the future of TVET
TVET in the future



Giovanni Crisonà
Skillman Leader

project partnership
offered by skillman.eu



Mission

...transforming the Union into a sustainable economy, helping the EU and its Member States to achieve the United Nations Sustainable Development Goals, which they committed to



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**SUSTAINABLE
DEVELOPMENT
GOALS**



Ethical Impact

Skillman gives a sense to learning



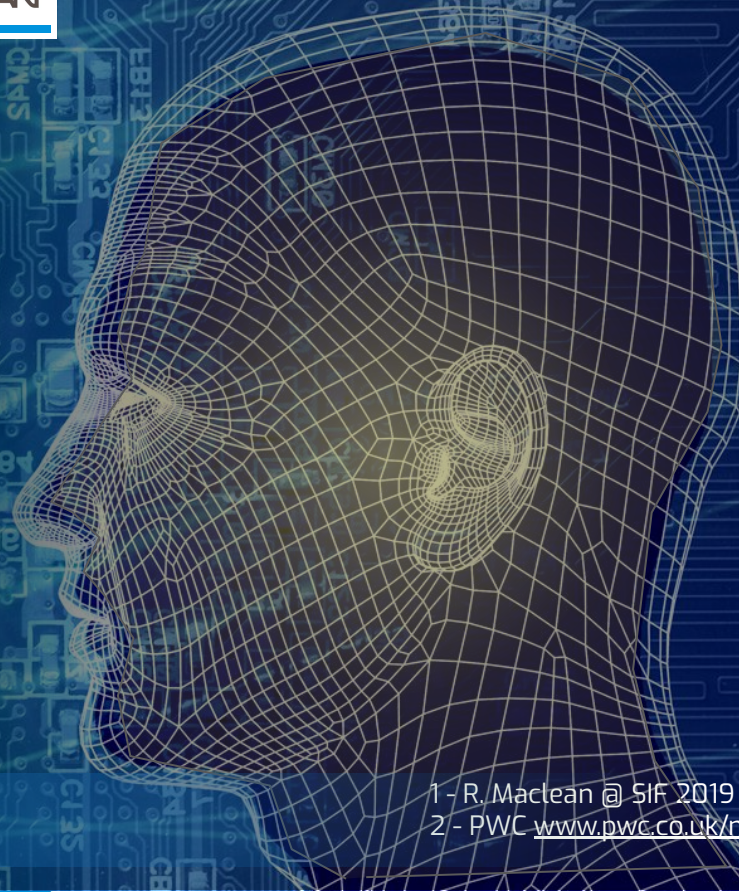
Global CoVEs

re-engineering tv^{et} for change¹

anticipation of the future skills' need
integrating the local needs with the megatrends²

adaptation of VET-pathways to the anticipated
skills' need

improvement of the quality in delivery VET making
real the learning-factory-environment



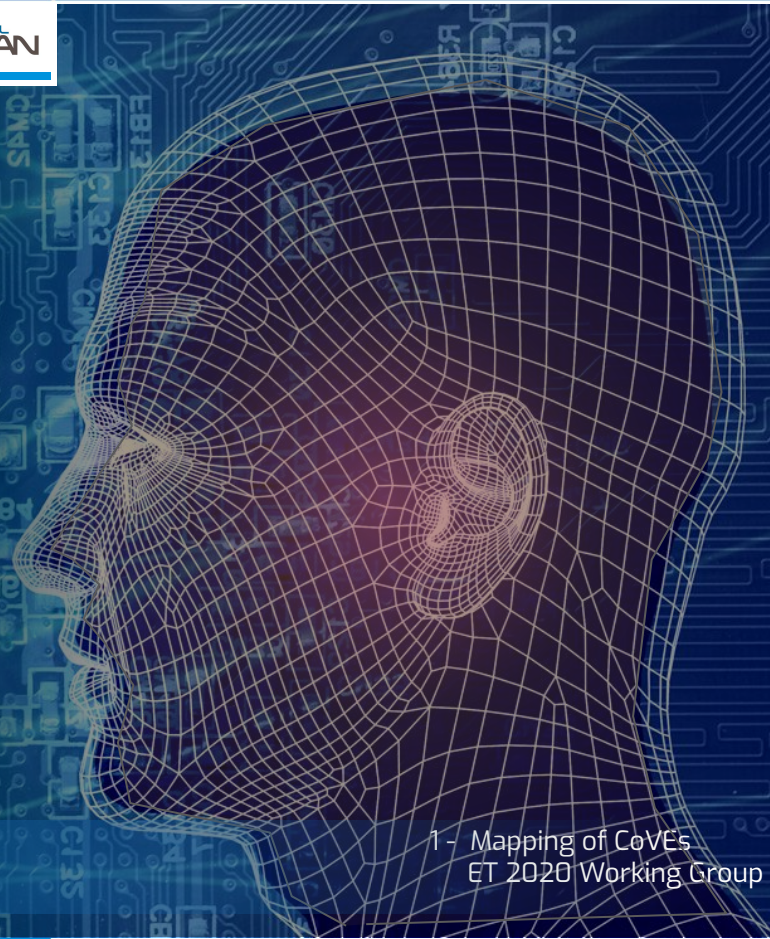
Global CoVEs

key success factors¹
to create
world-class **reference points**

Relationships - strong and enduring relationships
between stakeholders

Innovation - firmly anchorage into the frameworks
of regional development, innovation and smart
specialisation

Potential - Integration of activities to achieve more
than the sum of the parts





Global CoVEs

Value

INTERDEPENDENCY

to create world-class **excellence**

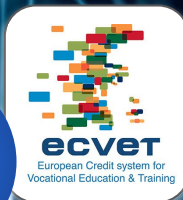
A platform that is more of the sum of the
single part



TVET Framework tools



EAfA



Digital Skills and
Jobs Coalition



ECVET – EQF framework and
ESCO classification

CBL CURRICULUM DESIGN
competence based learning

SECTORAL SKILLS FORESIGHT
TECHNOLOGY skills anticipation lifecycle

AM sector and responsibility
according to the UNESCO 17 goals

SELFIE Self-reflection on Effective
Learning by Fostering the use of
Innovative Educational Technologies

VET toolkit for tackling early leaving



Maturity model for CoVE development

Mapping of Centres of Vocational Excellence (CoVEs) ET 2020
Working Group on VET
2019

STRATEGY

Setting up foundations

Improving on what TVET normally does, with close linkages to the labour market

Developing added value

Engaged with regional strategic development and collaborating with a wide range of stakeholders

Achieving excellence

Co-creating local skills ecosystems, and local innovation and regional development. Strong TVET internationalisation dimension. The "self-reflexive CoVE"

Teaching and learning
Cooperation and partnerships
Governance and financing

Global CoVEs SAT Self-Assessment Tool

25 variables of improvement

HSEs

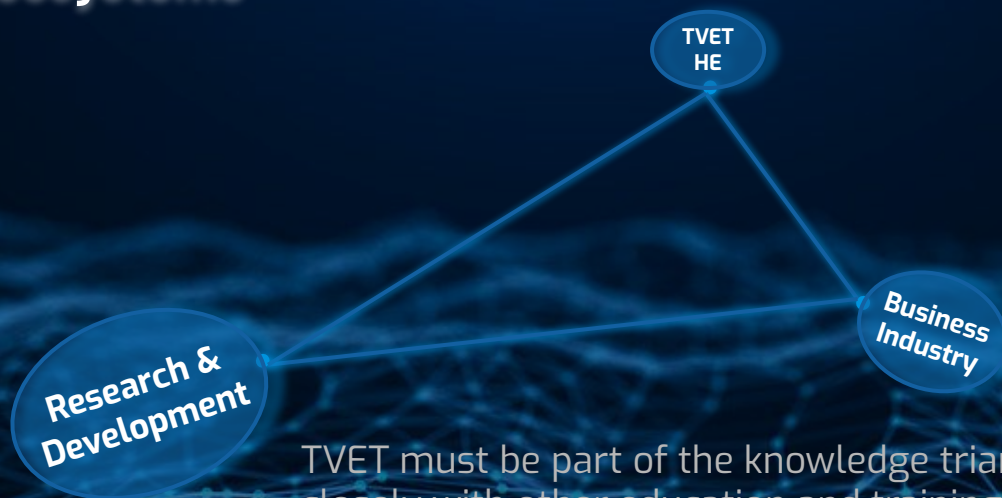
High Skills ecosystems

worldwide
distribution

"There is an opportunity for the VET sector to be a contributor to the innovation system through an applied research agenda.

In this context, applied research refers to research with a focus on solving real-world problems"

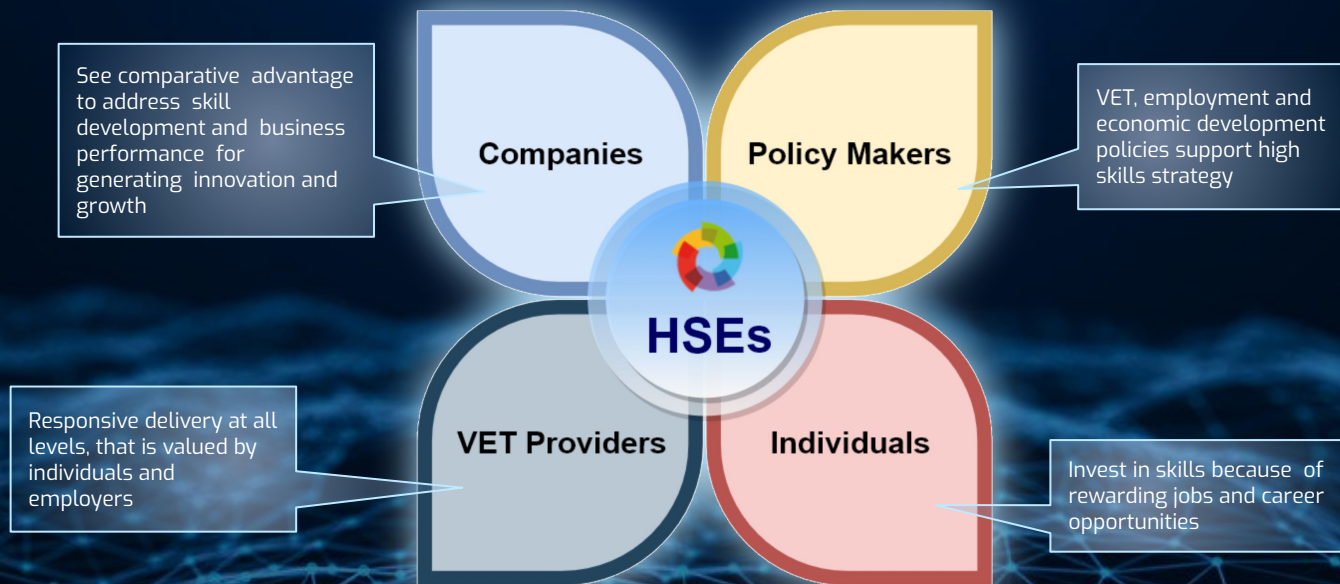
(Beddie & Simon, 2017)



TVET must be part of the knowledge triangles, working closely with other education and training sectors, the scientific community, and business

Aim of the Centres of Vocational Excellence

To create and foster local Skills ecosystem



Economist David Finegold suggests that there are four elements required to create and sustain **high-skills ecosystems** *a catalyst, nourishment, a supportive host environment, and a high level of mutual interdependence*



The territorial level or **CoVE level**, composed of a TVET **provider** (as the CoVEs' coordinator) and one or more **companies**



The **national** or **network/international level**, presided over by **industry leaders** and **international organisations**

+ 500 SKILLMAN MEMBERS

1' WAVE



Functions distribution

Platform level

VET institutions & consortiums

17,8%

Universities function

5,7%

Research centres function

11,4%

Regional development agencies

8,9%

Professional or sector

11,1%

Chambers function

3,2%

Employment services/agencies

10,9%

Innovation Centres function

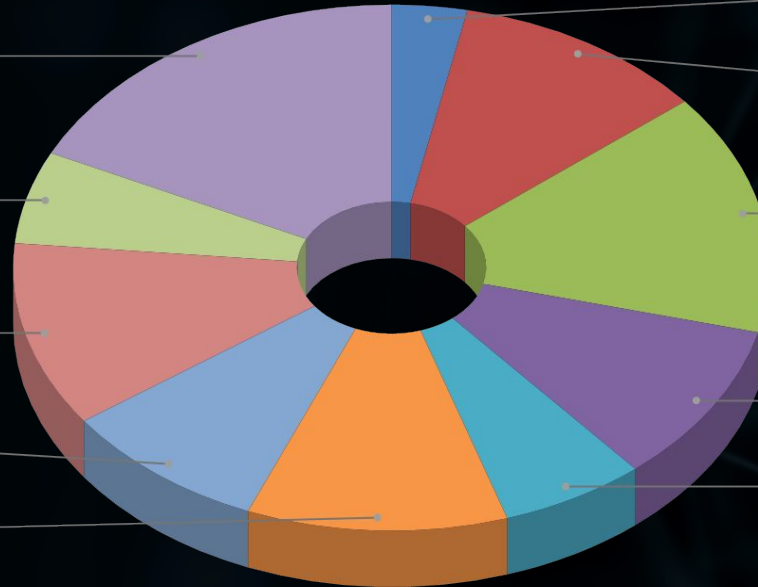
14,9%

Civil Society

9,9%

Policy makers function

6,2%



we present

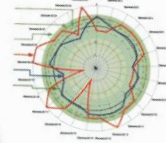
the GLOBAL COVES SAT Self-Assessment Tool mechanism





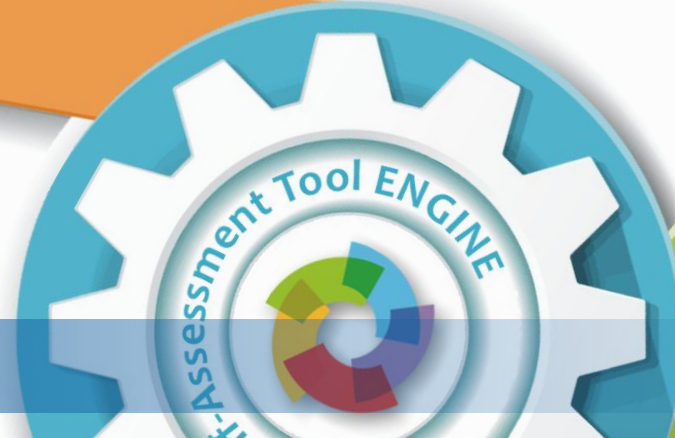


SAT VALIDATION



02 STEP

reading radar maps and
setting concrete behavioural
targets (goals levels) and
standards





SAT CONTINUOUS UPDATING



03 STEP

driving the tuning of the 25 variables for excellence and the evaluation matrix of the Maturity model for CoVE



SAT - DATA ORIGIN groupings

GLOBAL COVES SAT
Self-Assessment Tool mechanism



GLOBAL COVES SAT

Self-Assessment Tool mechanism



goals level
average 2' year

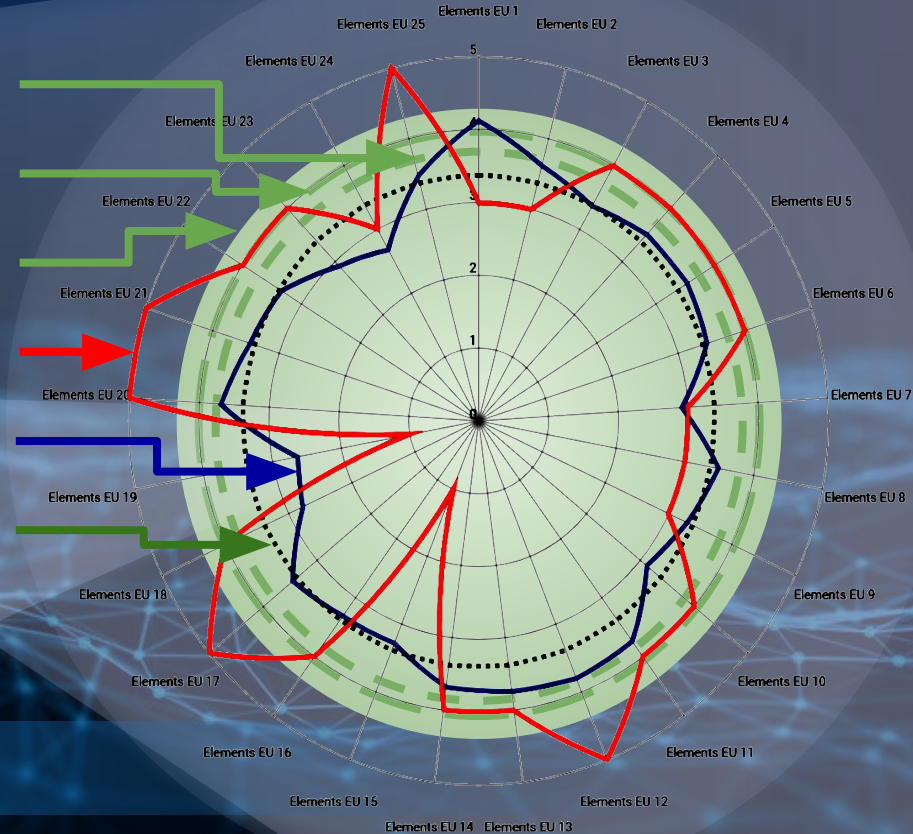
goals level
average 3' year

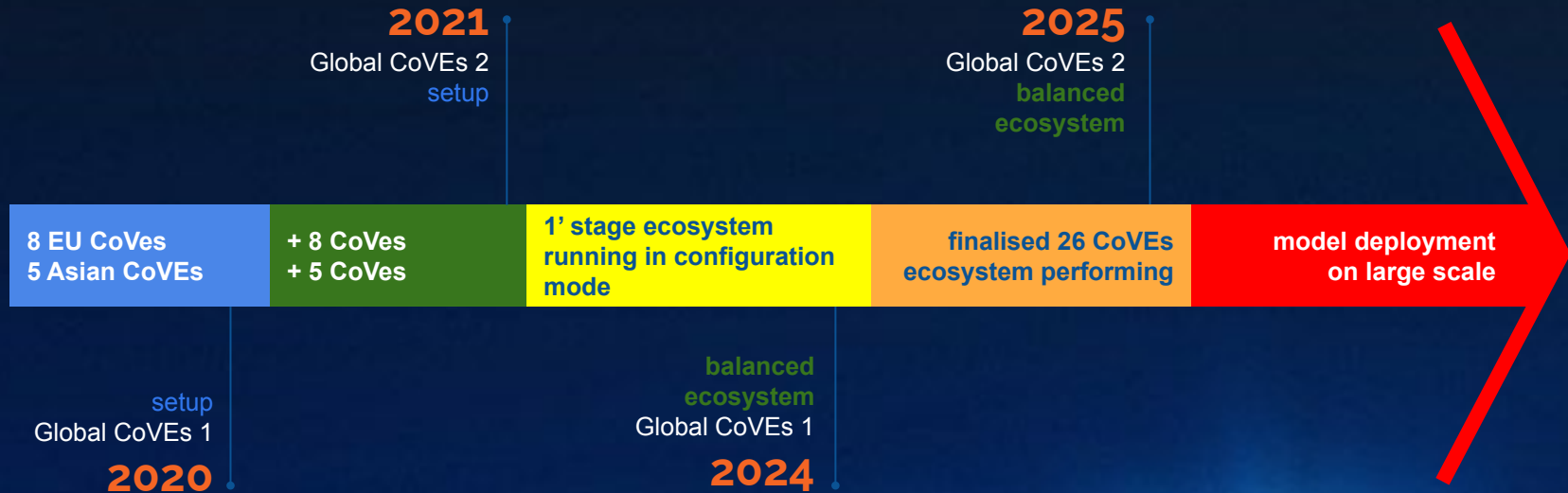
goals level
average 4' year

Individual CoVE
Institute Cuccovillo IT 2020

Global CoVEs
average per Element 2020

Starting level
average 2020







Akma Hamid

President, Institution of Diploma Engineers Bangladesh



Skills
development



Policymakers

Workspace



Examples of
excellence

TVET
policies





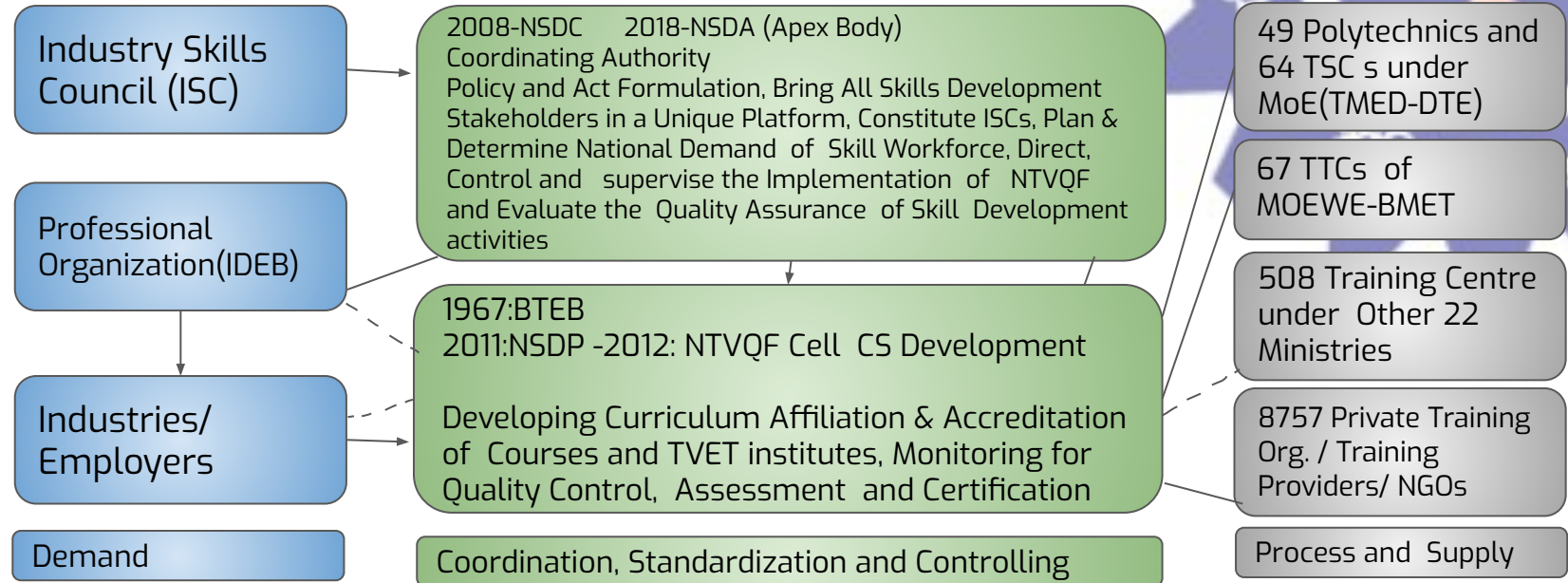
TVET and Skills Development System in Bangladesh: Cooperation Windows with the EU

Engr. A K M A Hamid
presidentideb@gmail.com



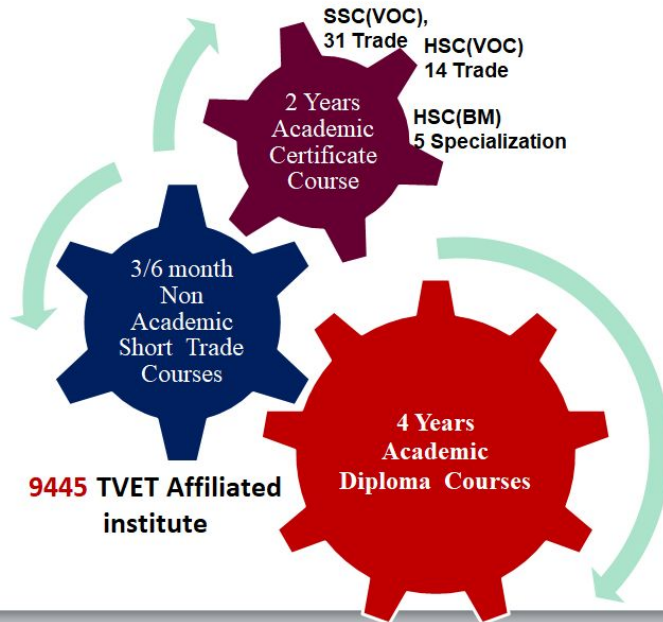


TVET system in Bangladesh



TVET programs in Bangladesh

Conventional TVET programmes



Programme under Qualification Framework



Teachers training programmes in Bangladesh

01 Year Certificate Course in Vocational Education Affiliated by BTEB but not running

Vocational Teachers Training Institute (VTTI) for Vocational Teachers

IUT(OIC) , DTE, BScTE, MScTE, PhD with Capacity of Max 20 Teachers from DTE, BMET and Other organizations



Programme 1
01 Year, Diploma in Technical Education Affiliated by BTEB

Programme 2
02 Year Bachelor of Technical Education Affiliated by Dhaka University

Enrollment Capacity- 3x10 Trainee/Year/Programme Departments(Civil, Mechanical and Electrical)

Technical Teachers Training College (TTTC) for Polytechnic Teachers

Challenges in teachers training

01 Year Certificate Course in Vocational Education Affiliated by BTEB but not running

Vocational Teachers Training Institute (VTTI) for Vocational Teachers

IUT(OIC) , DTE, BScTE, MSCTE, PhD with Capacity of Max 20 Teachers from DTE, BMET and Other organizations



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Challenges in teachers training

Government target and present status

Student Teacher Ratio in TVET **12 :1 (Stated in Education Policy 2010)**

Current STR in TVET **>50 :1**

Current TVET Teachers **0.044568 m**

Projected TVET teachers by 2021 **0.122112 m (Cal-20:1)**
(TVET Task force Committee)

Projected TVET teachers by 2030 **>0.4 m (Cal-20:1)**
(TVET Task force Committee)

No Holistic Teachers Qualification Framework **(Provision only for NTVQF)**

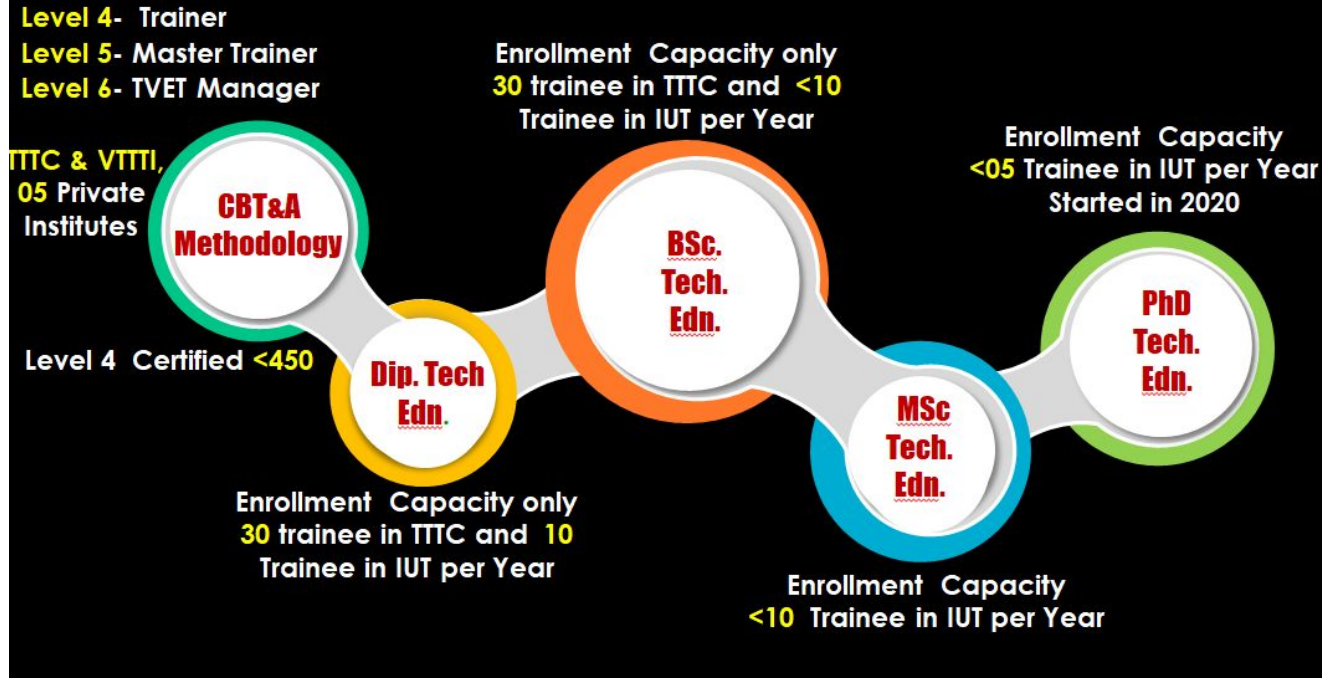
TTTC and VTTI Could not Met the Requirements **(Non Functioning)**

No Licensed / Certified Teachers Qualification Provision **for Academic Courses**

No Licensed / Certified Assessors Provision **for Academic Courses**



Teachers Training Enrollment in Bangladesh





Cooperation windows

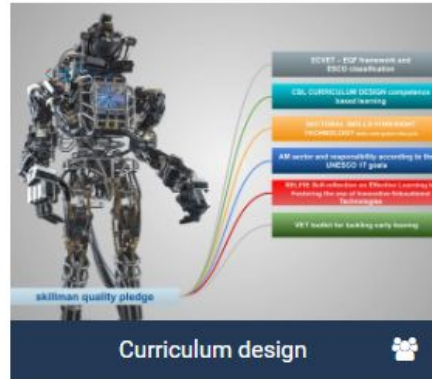
- Develop TVET Teachers Qualification Framework including Teachers qualification & recruitment Council
- Develop an Integrated Pathway of Teachers Education incorporating CBT&A methodology level 4, 5 and 6 with Academic Teachers Training Programmes (DTE, BScTE, MScTE and PhD)
- Capacity Building of IDEB leaders and member Engineers
- Exchange of TVET professionals, Teachers and Students
- Support to Introducing and Implementing TVET Inclusive Primary and Secondary Education

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SKILLMAN INTERNATIONAL FORUM

DECEMBER 2020





Hrvoje Kovač

Youth Chairman, Culture, Education and Youth, AER





MUTUAL LEARNING ON SKILLS DEVELOPMENT AMONGST EUROPEAN REGIONS

Hrvoje Kovač
hrvoje.kovac@lepoglava.hr





AER – Assembly of European Regions



- The Assembly of European Regions (AER) is the largest independent network of regions in wider Europe, gathering regions from 35 countries – from Norway to Turkey and from Russia to Portugal.
- AER is present everywhere on the European continent, inside and outside the European Union.
- Committee 3 is the place for exchange of experiences on culture, education and youth.
- Culture and migration, culture in the digital age, cultural heritage, skills and competences in a rapidly changing world, early school leaving, youth entrepreneurship, youth mental health, are all topics of high interest to AER members.



Education



- Education is one of Varaždin County's priority objectives.
- Our mission is to provide full professional support to various groups of gifted and talented students through programs equally accessible to all and designed to meet the psychological, social, educational and career needs of gifted and talented students regardless of their socio-economic, cultural and ethnic background
- 13 Centres of Excellence
- In 2019, Centers of Excellence of Varazdin County became the European Talent Center (Varaždin County is thereby the only regional governance unit, which has become ETC; usually, these are educational institutions. This proves only the dedication of Varaždin County to education).
- ECHA – European Council for High Ability

<https://www.civz.hr/en/>



Entrepreneurship education – experience exchange and EU-funded projects

- International conference – March this year, part of the "Together for Cohesion: let's rEUnite!" project of the Assembly of European Regions
- Exchange of experience with the Seinäjoki University, Ms Petra Sippola, PhD
concrete result: Erasmus + project applied
- Varaždin County and the Faculty of Organisation and Informatics in cooperation with the Public Institution for Regional Development of Varaždin County organized an international conference on entrepreneurship education on the 5th March 2020





Agro-entrepreneurship accelerator

- Financed under the Erasmus+ programme
- Project gathered representatives of local and regional authorities as well as young entrepreneurs from 17 countries with the specific aim to educate the next generation of entrepreneurs who are concerned with the agricultural ramifications of entrepreneurship.
- This target was successfully accomplished through the production of capable influential multipliers, such as civil society organizations and youth workers





Eurodysses programme

- Interregional exchange programme of the Assembly of European Regions
- 23 regions from 12 countries (EU members and non-EU members)
- Varaždin County since 2006 in the Programme

EURODYSSÉE
Assembly of European Regions





Civil servants' exchange programme

- Training programme, aimed at the promotion of the exchange of experience and know-how between political representatives and regional civil servants of Eastern, Western and Central Europe
- AER encourages the exchanges between regions, which contributes to strengthening of regional cooperation and add to human capacity building of regional administration





Q&A section

Please **click the Q&A button in the bottom bar** to ask your questions/share comments. The moderator will turn on your microphone soon.



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PEER LEARNING CLUBS

POLICY PAPER

**ADVANCED MANUFACTURING
(SECTORAL DIMENSION)**

Tackling challenges related to skills adaptation and anticipation, stakeholder relations and innovation is crucial in the advanced manufacturing sector.

This peer-learning group aims at pinpointing and analyzing those threats, which are already affecting the industry of today and shaping the scenery of tomorrow.



isbn 9788887156157

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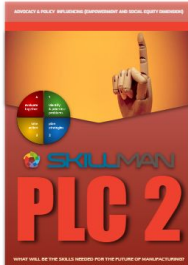
PEER LEARNING CLUBS

POLICY PAPER

**ADVOCACY & POLICY INFLUENCING
(EMPOWERMENT AND SOCIAL EQUITY DIMENSION)**

The Vocational Education and Training sector has its own voice in the EU, national and regional arenas.

Coordinated actions ensuring that all actors' interests are taken into account are key for policy development, and this peer-learning group will allow a deeper understanding of them.



isbn 9788887156164

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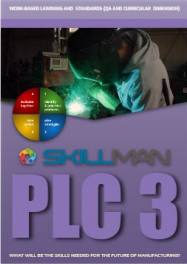
PEER LEARNING CLUBS

POLICY PAPER

**WORK-BASED LEARNING
AND STANDARDS
(QA AND CURRICULAR DIMENSION)**

How can the quality of learning outcomes be assessed and assured at the workplace? What are the main challenges for in-company curricula implementation?

These and further questions will be tackled under this peer-learning club.



isbn 9788887156171

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PEER LEARNING CLUBS

POLICY PAPER

**TRAIN THE TRAINERS
(operational dimension)**

The main challenges for in-company curricula implementation will require a reinforced human dimension of the TVET sector to build resilience and identify synergies among actors.

Capacity building will have a key role in the future of TVET, and this peer-learning club will allow the identification of key gaps and needs.



isbn 9788887156188

skillman.eu



4
PHASES

PARTICIPATORY LEARNING AND ACTION CYCLE



Next events

Youth policy partnerships webinar
September 2nd 10:00 CET



Please register to the event through the link in the chat box

Your feedback about this webinar counts!

tiny.cc/7uoesz

Leave your suggestions to policymakers!

<http://tiny.cc/2j3fsz>

OFFICIAL EVENT

