



**Submitted on January 26th 2018 by Mr. Rodrigo Nunez, UNEVOC Coordinador of the UNEVOC Centre at Duoc UC.**

Report on International Summit on Education 2018 and visit to Duoc UC - UNEVOC Centre Santiago, Chile, January 11-12, 2018

Context:

The International Summit on Education is a place for meeting and exchanging experiences for managers, teachers and specialists in education, on the latest trends and innovations in management, leadership and higher education. This meeting brings together the Inter-American Conferences on School Leadership and Management, which bring together experts and leaders in the formulation and management of initiatives that seek to develop leadership skills in schools and colleges; and the Conferences on Higher Education Management, on the other hand, consider the presentation and discussion of initiatives and relevant experiences developed by -Chilean and foreign- universities, institutes and technical training centers in the different areas of management.

The TVET Conference is organized by Duoc UC and it is part of the Conferences on Higher Education Management within the International Summit.

This Conference on Professional & Technical Education has been consolidated as a relevant place for meeting and exchanging experiences among leading actors in the TVET field. Different themes are addressed in presentations and panels with national and international guests, which allow us to point out ways to continue with the objective of continuing to position TVET in society, industry and government, both nationally and regionally.



## JANUARY, THURSDAY 11

The Conference on Professional & Technical Education took place between 9 am and 6 pm. More than 120 people attended.

### Summit Program

#### **Advancing towards a Professional & Technical Education of Excellence** *Professional & Technical Education, Summit, January 11, 2018*

9:00 - 9:20. Welcome. Patricio Donoso

9:20 – 10:30. **Unesco-Unevoc: Strategy and challenges for TVET on a global level.** Shyamal Majumdar – Executive Director of UNESCO-UNEVOC

10:30 - 11:00. **TVET in Chile and challenges for the XXI century** - Ricardo Paredes –Rector of Duoc UC

11:00 – 11:45. Discussion Panel: **Towards a higher-VET in Chile**

Panel Members:

Shyamal Majumbar

Ricardo Paredes

Valentina Quiroga, Undersecretary of MINEDUC

*Moderator: Kiyoshi Fukushi, General Secretary of Duoc UC*

11:45 – 12:15. Coffee Break

12:15-13:00 - **A New Way of teaching and learning for the XXI century, experience from Duoc UC.** Carmen Gloria López, Academic Vice-Chancellor, Duoc UC.

13:00 14:30. Lunch

14:30 -15:30 **Investing in TVET is investing in the future.** Oliver Haas, Head of TVET Sector, Gesellschaft für Internationale Zusammenarbeit (GIZ), Germany. He has also worked as Chief Operations Officer in the World Bank Group in Washington DC, USA.



15:30 -16:30. Discussion Panel: **Relationship between emerging economies and a TVET of excellence.**

Panel Members:

Claudio Muñoz Chair of Movistar

Charles Kimber, Manager of Corporate and Commercial Matters, Celulosa Arauco

Oliver Haas

*Moderator: Carmen Gloria López, Academic Vice-Chancellor, DuocUC*

16:30 - 17:00. Coffee Break

17:00 - 17:45. **Challenges of TVET in times of energy transformation.** Máximo Pacheco Matte, Duoc UC's Counselor, Professor of the Escuela de Gobierno (School of Government) of the Pontificia Universidad Católica de Chile.

17:45 – 18:00. Closing, by Ricardo Paredes

### **AM Conference**

1. **Mr. Patricio Donoso.** President of the Duoc UC Board of directors, welcomes Summit participants and attendees, pointing out the relevance of technical teaching for the development of the country. He also highlights the incorporation of Duoc UC into the UNEVOC network.
2. **Mr. Shyamal Majumdar** presents the strategy and challenges of UNESCO-UNEVOC within the framework of the objectives for a sustainable development (SDG) of the 2030 agenda. He emphasizes that a relevant aspect for a UNEVOC center is the leadership that it can exercise both at the national and regional level. He calls on Duoc collaborators attending the meeting to take and exercise that leadership.
3. **Mr. Ricardo Paredes** gives a national overview of the status of TVET in Chile. Starting in the 90s, an expansion of coverage in higher education began in Chile. In a span of 15 years, it jumped from a 15% to a 45% coverage. However, public policies in favor of the university have fed the idea that there are differences in quality and social profitability, which are based on the fact that there would be a cultural bias among students that lags behind technical education. In addition, there is a huge gap in the quality of the different TVET training centers. This contributes to the deterioration in the valuation of technical education. Moreover, since technical education is more expensive than university education, the state gives six times more money per student to universities. Notwithstanding the foregoing, TVET in Chile consolidates initial enrollment almost at the university level. The relevance of TVET is today in

the discourse of the country and the state has begun to grant it the importance it requires.

4. Mr. Shyamal Majumdar, Ricardo Paredes and Mrs. Valentina Quiroga, Undersecretary of the Ministry of Education, participate **in the first panel discussion**. The topic is: a Higher Vet in Chile. Shyamal Majumdar states that the concept is misleading because it tends to classify institutions into better and worse quality, when what is sought is to differentiate the level of competence that they deliver to their students. He proposes to talk about TVET with Higher Qualifications. Valentina Quiroga and Ricardo Paredes suggest that the way to face the challenges of the 21st century is to work together with the universities. However, for this to be implemented in a fair manner, a change in the law is required to allow for the enhancement of TVET. It is stated that the intention exists, but it will not be easy because it requires an agreement and a political solution. There is a consensus that institutions like Duoc are prepared for this challenge.
5. **Mrs. Carmen Gloria López**, Academic Vice-Chancellor of Duoc UC, explains about the projects that Duoc is carrying out in the academic field to face the challenges of the new era, the 4.0 revolution. In this 2018, 6 academic innovations will be implemented:
  - Interdisciplinary and articulated training
  - Development of full on-line modality
  - Integration of employability skills (Tuning)
  - Pedagogical strategy based on challenges
  - Mentions, certifications and badges
  - Portfolio 2.0 (graduation activity and degree)

Among the long-term challenges, are:

- Maintain a close relationship with the industry
- Promote the use of technology as a key educational tool
- More personalized training

### **PM Conference**

6. **Mr. Oliver Haas** talks about the German model. He explains that for the dual model, the alliance between the industry and the TVET institutions is not enough, but rather the participation and involvement of the government is demanded. He also states that, for the company, this is not corporate social responsibility; it is an investment for its own development, its own future.

7. Oliver Haas, Claudio Muñoz, Chair of Movistar and Charles Kimber, Manager of Corporate and Commercial Matters of Celulosa Arauco, participate in **the second panel**. Movistar and Arauco explain the actions they are carrying out in the field of

technical training. Movistar has developed a center for the training of secondary students. Arauco, on the other hand, has teamed up with Duoc to create a campus where dual training is offered.

8. **Mr. Máximo Pacheco** discusses the energy transformation and the opportunity that it poses for technical training. In his presentation, he talks about his experience as Minister of Energy in the government of President Michelle Bachelet, where he led the project that allowed Chile to have a transformation in the use of sustainable energy. He says that during the development and implementation of the project, the technicians had to be brought from Bulgaria, Portugal and Peru, since in Chile they did not have them. He states that the challenges that the sustainable development of the planet forces us to rethink the areas in which we have to train our future professional technical workers.

#### JANUARY, FRIDAY 12

At 8.30 am there was a breakfast where Shyamal Majumdar and Oliver Hass were present, together with the Duoc UC authorities:

- Ricardo Paredes, Rector of Duoc UC
- Carmen Gloria López, Academic Vice-Chancellor
- Claudio Duce, General Director of Communication and Community Engagement
- Magdalena Silva, director of Teaching Training Department
- Agustín de la Cuesta, director of Academic Development
- Pablo Vaillant, Director of Innovation and Applied Research
- Gastón Ramos, Director of Employability and Community Engagement
- Rodrigo Nuñez, Director of Foreign Affairs.

On the occasion, various aspects related to the implementation of the Duoc model and processes and training in the TVET world were discussed. Of particular relevance was the teacher training, highlighting that 80% of Duoc teachers are active workers in the industry. This is innovative in the global scenario.



Then, Mr. Shyamal Majumdar visited the Puente Alto campus and the facilities of the Schools of Health and Engineering.

Finally, at 1.30 pm there was a lunch with Duoc board members. Attendants:

- Ricardo Paredes, Rector of Duoc UC
- Claudio Duce, General Director of Communication and Community Engagement
- Carmen Gloria López, Academic Vice-Chancellor
- Rodrigo Nuñez, Director of Foreign Affairs
- Arturo Yrarrázaval. Counselor
- Isabel Catoni, Counselor
- Máximo Pacheco, Counselor

On the occasion, Shyamal Majumdar gave a brief presentation on the challenges and strategy of Unesco-Unevoc and the demands of leadership for Duoc UC as Unevoc center. Then the talk was mainly about the lack of attractiveness of technical education. Shyamal Majumdar made it clear that it is a global and transversal issue. The talk also pointed to the relevance the technical training has on the sustainable development of the planet.

The lunch ended at 3 pm.