Training for education system engineers

#### The CEMETS Summer Institute

At the 2018 Summer Institute given by the Center on the Economics and Management of Education and Training Systems (CEMETS), a number of teams participated with support from the Swiss Development Cooperation (SDC). CEMETS is a reform lab on education system engineering, based in the KOF Swiss Economic Institute at ETH Zurich. At the Summer Institute, participants revise and strengthen their reform plans through a combination of site visits, lectures from leading researchers, input from top practitioners, and collaborating on others' reform case studies. Alumni stay in touch with CEMETS through ongoing support and continuous research participation.

The SDC sent four teams—from Benin, Costa Rica, Chile, and Nepal—to the Summer Institute for the second time as part of a Research for Development project on Linking Education and Labour Markets (<a href="http://www.r4d.ch/modules/employment/education-and-labor-markets">http://www.r4d.ch/modules/employment/education-and-labor-markets</a>). All of these cases have made dramatic progress since their first attendance in 2017, and will be able to continue their momentum thanks to the ongoing project. Serbia attended the institute, also for the second time, in support of the implementation of its new Dual Education Law. The SDC has enabled CEMETS to be involved in the design and monitoring of this ambitious initiative.

### Chile

"As a team, we value the multidimensional approach employed to analyse all the cases, especially ours. The methodology forced us to go out of our comfort zones, having the opportunity to discuss with people of different backgrounds and cultures. Thanks, the summer school me remembered two elements: 'perspective and focus'."

**Gonzalo Donoso,** Project Coordinator in the Executive Secretary for TVET, Ministry of Education

Allejandra Villarzu, Council Member, Chilean TVET Council



## Costa Rica



"For me it has been a very interesting experience, because in my country you can find some research and documents about Education in general, but not specifically for TVET. Also, the kind of analysis that all you did about your research is very interesting. I specially found useful to know about the process to implement a good TVET System, to have insights about the governance, the linkage between actors, and the ways government, companies and associations can support all the processes. Also, was an excellent input the visits to different stakeholders, and get a vision of the whole system working in different technical fields."

**Hilda Ugarte**, Instructor/Lecturer, Pedagocical & Dedactic Unit, National Apprenticeship Institute (INA)

**Kenneth Salas Arroyo, Director,** Colegio Técnico Profesional de Educación Comercial y de Servicios COTEPECOS

# Nepal

"CEMETS provides us a convincing and researchbased evidences in the modern VET sector which is an eye opener for the leaders and the change makers of any country. Their feedbacks and the insights on reform cases are very practical and transferable in the different context. I'm very satisfied with the way they have organized this course as it covers the VET cycle. The more important was receiving the first-hand information through on sight visits where many interactions and observations opportunities was given."

**Dr. Usha Bhandari,** Senior Program Officer, Embassy of Switzerland in Nepal, Swiss Development Cooperation



**On photo:** Dr. Kul Bahadur Basnet, Vice Chair, CTEVT / Baikuntha Aryal, Joint Secretary, Ministry of Education / Dr. Binayak Krishna Thapa, Post-Doctoral Researcher, Kathmandu University

### Serbia



"Firstly, it was remarkable to see the results and the effectiveness of such a fully functioning and highquality dual system as it is in Switzerland now, including its many unique features. For Serbia, one of the most important lessons was understanding how crucial is a buy-in from the companies in terms of their willingness to participate in the apprenticeship system, how it is institutionalized via employers' associations and their leading role in curriculum development, implementation and evaluation (curriculum value chain). At the same time, permeability importance and possible trajectories of students, well emphasized throughout different CEMETS Summer Institute sessions, was of the enormous importance. Consequently, rethinking of features and possible improvements of the own

national system and generating of related ideas took place.

Secondly, site visits confirm the importance of demand driven market of future apprentices and their host companies and presentations on the potentials of user-friendly on-line apprenticeship platform (e.g. YOUSTY) were very revealing as well.

Moreover, participation in CEMETS Summer Institute assured valuable insight in cost-benefit analysis and confirmed the importance of evidence production and evidence-based policy making in general.

Finally, sessions related to work on real reform project have had outstanding impact on our reform planning, and significantly influenced our perception of challenges we are facing and supported us to examine different solutions how they can be tackled and addressed in the master plan that is going to be developed."

Jasminka Marković, Director & Researcher, Centre for Education Policy

Dejan Stanković, Researcher & Research Coordinator, Centre for Education Policy

More information about the CEMETS Summer Institute:

http://www.cemets.ethz.ch/education/courses.html