

**PROJECT PROPOSAL SUMMARY SHEET**  
**Living Lab/Centro de Diálogo y Transformación Inc.**  
**Regional Centre of Expertise on Education for Sustainable Development:**  
**Borderlands México-USA**

**Maximum length:** 4 pages

**Name of the Project:** CURRENT PROJECT 9. Technical Vocational Education and Training at CECyTECH EMSaD #31, Distance Learning Preparatory School in Témoris, Chihuahua México

**Project Summary link on United Nations University Website:**  
<http://www.rcenetwork.org/portal/node/3615?user=975&year=2018>

**Objectives:**

Through this project we aim to:

- ° Enable a virtual classroom for conferences with TVET experts from around the world
- ° Seek to ensure high quality rapid, reliable internet access
- ° Locate and pay a simultaneous interpreter for virtual conferences with global TVET experts
- ° Offer interactive workshop where students have contextualized kinesthetic practice that prepares them as highly qualified workers for local employment sources
- ° Highlight the geographical advantages of Guazapares Municipality due to its proximity to the whole of the United States
- ° Seek to attract transnational production sites to the Guazapares region, as its strategic location allows for easy access to inputs and easy delivery of manufactured products to the East and the West of the United States
- ° Ensure that CECyTECH-EMSaD #31's students meet world class standards as human beings and as experts in their respective areas of specialization
- ° Learn from world class experts; learn about world cultures. Hear the success stories of rural youth around the world, and be given the opportunity to compete for an internship in the international headquarters of transnational corporations having operations in Chihuahua state
- ° Instill responsibility, honesty and excellence in the students
- ° Provide employment and exchange opportunities for the students locally, in Chihuahua state, in México and internationally
- ° Promote the CECyTECH EMSaD # 31 Campus as a training center for, not only for its students, but for the people of the region
- ° Offer certifications such as ISO and CONOCER at the CECyTECH #31 Campus
- ° Enable a virtual university on the new CECyTECH-EMSaD # 31 Campus
- ° Develop CECyTECH-EMSaD # 31 into a model school whose successes can be replicated at the national level
- ° Specialize in areas required in the mining industry, which is prevalent in the region
- ° Work with the mines, the municipal government, CECyTECH-EMSAD #31 and RCE BMU to create a cluster in the municipality based around mining

**Business Model: How will the Project become self-sustaining before the end of the funding cycle?**

**Regional Centre of Expertise on Education for Sustainable Development: Borderlands México-USA** / **Centro Regional de Expertos en Educación para el Desarrollo Sostenible: Franja fronteriza México- Estados Unidos**

- Government of the State of Chihuahua pays teachers' salaries
- Government of the State of Chihuahua helps to fund the construction of the new CECyTECH EMSaD #31 campus
- CECyTECH-EMSaD # 31 has its own sources of income through student enrollment.
- We anticipate the success of the virtual university, the training centers and the certification programs, i.e. ISO and CONOCER; this would bring in additional income.
- Monetary support is, at times, available upon request from the Municipal Government for specific projects.
- We anticipate having income sources, i.e. CSR funding, from transnational production sites to be attracted to set up operations in Guazapares Municipality.
- We plan to rent space at the CECyTECH-EMSaD #31 installations for the COEUR Mines to offer entry-level training to new employees in a classroom setting.

#### **Activities to date:**

Opening in August of 2015, CECyTECH EMSaD #31 has graduated 48 students at the time of writing in November 2018. We currently have a population of 110 students. Due to the school's success, the physical plant is now inadequate to meet the needs of the growing EMSAD #31 Institution. We are currently constructing a new campus on a one acre plot of land. One classroom has been built and the remaining seven classrooms, five workshops, administrative offices, laboratories, bathrooms, sports facilities, cafeteria, computer lab, parking lot and multi-purpose open-air space are currently being constructed. The speed with which we are able to erect the new campus depends on funding available.

#### **Looking toward the future: What do you hope to achieve?**

We hope to:

- Have our campus fully operational by July 2019
- Ensure high quality rapid, reliable internet access
- Receive conferences offered by TVET experts from around the world
- Offer interactive workshop where students have contextualized kinesthetic practice that prepares them as highly qualified workers for local employment sources
- Instill responsibility, honesty and excellence in the students
- Ensure that CECyTECH-EMSaD #31's students meet world class standards as human beings and as experts in their respective areas of specialization
- Attract transnational production sites to the Guazapares region, to train students in the areas of expertise required by these corporations and, in this manner, to generate more employment opportunities and to revitalize the local economy
- Provide opportunities for our outstanding students to compete for internships in the international headquarters of transnational corporations having operations in Chihuahua state
- Promote the CECyTECH EMSaD # 31 Campus as a training center for, not only for its students, but for the people of the region
- Offer certifications such as ISO and CONOCER at the CECyTECH #31 Campus
- Enable a virtual university on the new CECyTECH-EMSaD # 31 Campus

- ° Develop CECyTECH-EMSaD # 31 into a model school whose successes can be replicated at the national level
- ° Specialize in areas required in the mining industry, which is prevalent in the region
- ° Work with the mines, the municipal government, CECyTECH-EMSAD #31 and RCE BMU to create a cluster in the municipality based around mining

**Project Implementation Timeline:**

TASK	Nov. '18 to June 2019	July 2019	Jan. 2019	Dec. 2019	Jan. 2020	Jan. 2020	Nov. 2019	Dec. 2019
Funding Procurement								
Acquire building Fund								
Link students to exchange opportunities in company headquarters abroad								
Complete the Campus Construction								
Upgrade to world class internet service								
Enable the virtual classroom for global TVET conferences								
Locate a simultaneous translator for global conferences								
Classroom and laboratory furniture								

	March to Dec. 2019	Begin August 2020	January 2020	Begin June 2020	Begin August 2020	January 2021		
Organize cluster and mining-related specialization through CECyTECH, Municipality, COEUR and UNU, COMEET, UNESCO, RCE BMU								
Offer trainings to form students and the community for the mining cluster								
Habilitate a space with simulators for multiple areas of specialization								
Approach Audi, VW, etc. trying to attract them to Guazapares								
Offer certification programs								

Launch the virtual university on the campus.								
--	--	--	--	--	--	--	--	--

**Proposed Budget:**

Implementation Steps	Quantity	Cost Provider 1	Cost Provider 2	Estimated Cost	Actual Cost	Difference
Funding Procurement						
Building Fund				USD \$ 245,805.35 (For classrooms, labs, admin. and bathrooms)		
Link students to exchange opportunities in company headquarters abroad				USD \$ 2,000.00		
Complete the Campus Construction				USD \$100,000.00 (Finishes, etc.)		
Upgrade to world class internet service				USD \$9,000.00		
Enable the virtual classroom for global TVET conferences				USD \$1,000.00		
Locate and hire a simultaneous interpreter for global conferences				USD \$1,000.00		
Classroom and laboratory furniture				USD \$ 12,781.88		

Organize cluster and mining-related specialization through CECyTECH, Municipality, COEUR and UN				USD \$400.00		
Offer trainings to form students and the community for the mining cluster				USD \$ 400.00		
Habilitate a lab space for students with simulators for multiple areas of specialization				USD \$15,000 (5 areas of specialization)		
Approach Audi, VW, etc. trying to attract them to Guazapares				USD \$4,000.00		
Offer certification programs				USD \$4,000.00		
Launch the virtual university on the campus.				USD \$ 2,000.00 UNAD- México		
<b>Etc.</b>					<b>Subtotal</b>	USD \$397,387.23
Living Lab/Centro de Diálogo y Transformación Administrative and Implementation Fee (20%)						USD \$79,477.45
					<b>TOTAL</b>	USD \$476,864.68

**Regional Centre of Expertise:**



RCE Borderlands México-USA  
Living Lab/Centro de Diálogo y Transformación Inc.  
E-mail: [living.lab.cdt.inc@gmail.com](mailto:living.lab.cdt.inc@gmail.com)  
Tel. and What's App: +521 614 250 9784

**Thank you!**