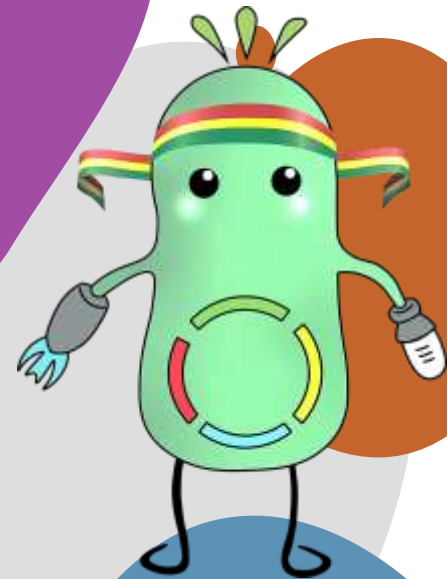




# iGEM

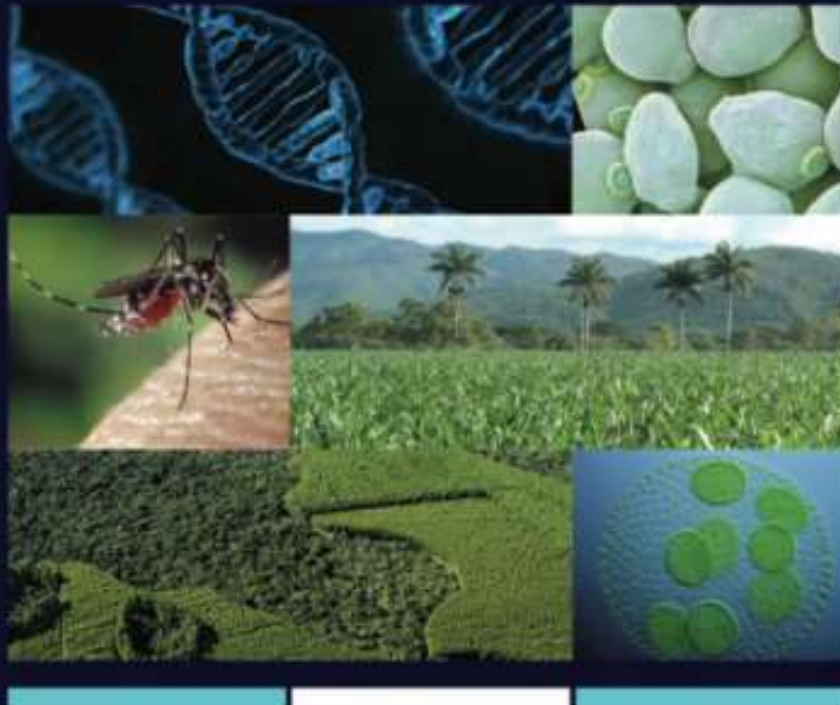
Biotecnología ... hecha en Bolivia





GENETICALLY MODIFIED ORGANISMS

# ENVIRONMENTAL RISK ASSESSMENT GUIDE



SECOND EDITION  
2024

# iGEM 2024 GRAND JAMBOREE

The World Expo of Synthetic Biology

Witness the future and interact with tomorrow's leaders of synthetic biology! The Grand Jamboree brings together researchers, industry reps, startup founders, investors, journalists, experts in governance and policy, and the general public to chart the future of synthetic biology.

**Paris** Oct. 23-26  
PARIS CONVENTION CENTER 2024

**5 000** PARTICIPANTS **25 000 m<sup>2</sup>** SPACE



**21**  
YEARS

**66**  
COUNTRIES

**80 000**  
PARTICIPANTS

**4 358**  
PROJECTS

## iGEM is the **Heart** ♥ of Synthetic Biology

In the past 20 years, iGEM has created a strong and vibrant synthetic biology research community and industry.

### **4300+ SynBio projects**

Synthetic biology projects and proofs-of-concepts have been tested at iGEM, leading to future research, PhD thesis projects, and the launch of new companies.

### **75,000+ biological parts**

have been curated and sequenced for synthetic biology applications, available as a shared resource through iGEM's Registry.

### **250+ Startups**

have emerged from the iGEM Competition, with the first iGEM Startup having gone public in 2021. Today, these companies are developing biological solutions to preserve the environment and improve the lives of people all over the world.

## **80,000+ iGEMers**

from 65+ countries have been trained in the responsible, safe and secure use of synthetic biology. Today, they are leaders in synthetic biology who have gone on to create startup companies and pursue careers in academic research, industry, NGOs and government agencies.



## **Competition**

## **400+ Teams in 2024**

### **Local people solving local problems all over the world**

Through iGEM, people are creating synthetic biology ecosystems around the world. There are hundreds of success stories originating at iGEM.

iGEM TEAMS SINCE 2004

<b>1 817</b>	<b>1 259</b>	<b>1 059</b>	<b>192</b>	<b>30</b>
ASIA	NORTH AMERICA	EUROPE	LATIN AMERICA	AFRICA

## iGEM Startups in 2024

**250+**

and counting!  
From over 40  
countries

**82 Teams** in 2024 Batch  
110.5% increase compared to  
the previous year

**>3Bn USD** Funding  
acquired

**>2000** Jobs  
created

Join us on Oct  
23-26 in Paris



**2024 GRAND  
JAMBOREE**

**How we do it - The world's most successful synbio pre-  
accelerator & largest synbio conference**

# iGEM - Zamorano

2014

*E. coli* (*E. zamofordi*): Biosensor de cobre utilizando una *E. coli* modificada, siendo capaz ayudar en la detección de agua contaminada con cobre.



# iGEM 2014





# IGEM Bolivia



## ¿Quiénes somos?



IGEM 2021

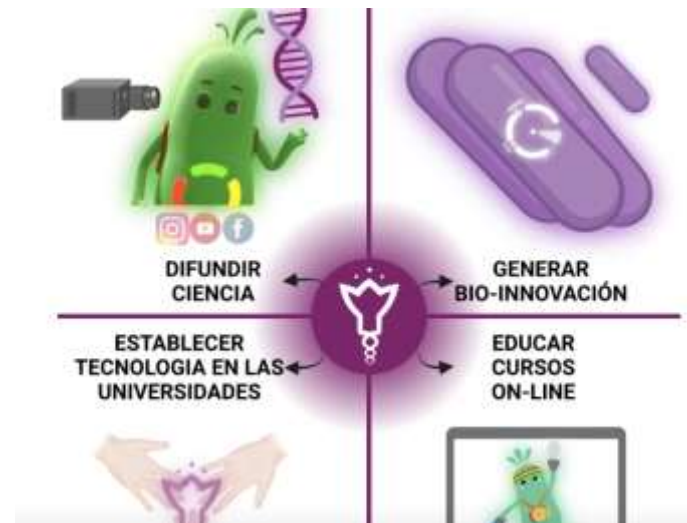
<https://2021.igem.org> › Team: Bolivia

## Team: Bolivia

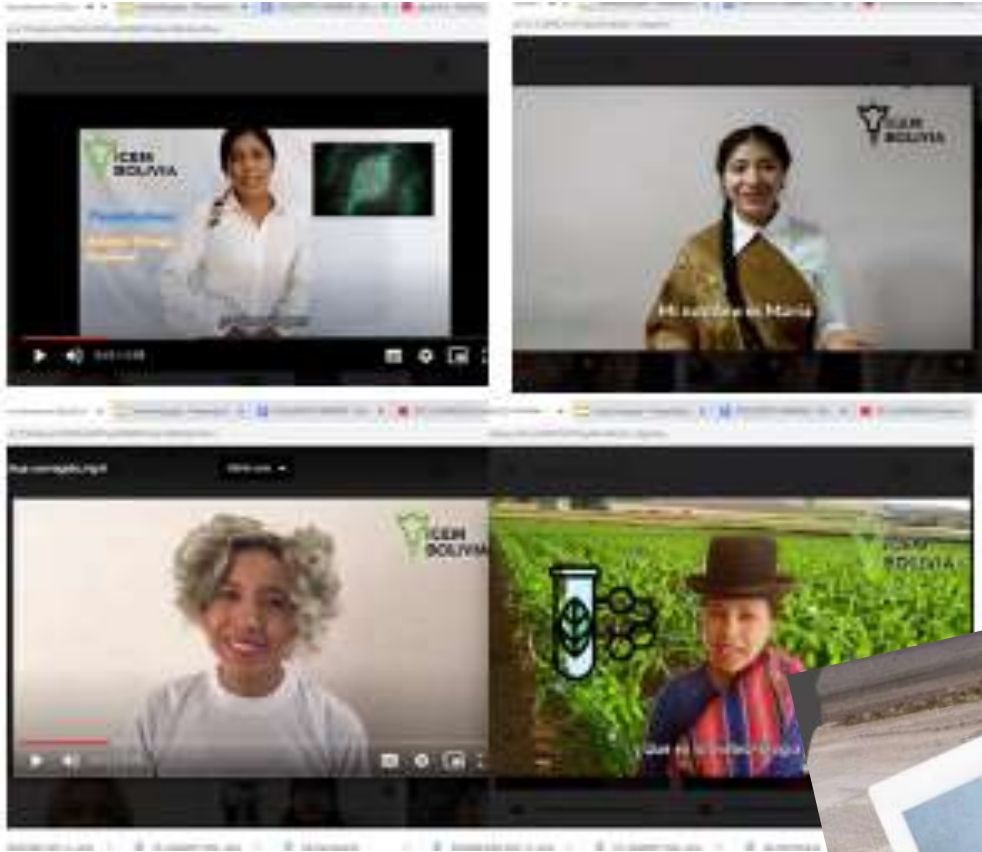
To generate a positive impact on Bolivian society, we produced educational videos using the most representative native languages of the country and disseminate ...

## ¿Qué hicimos?

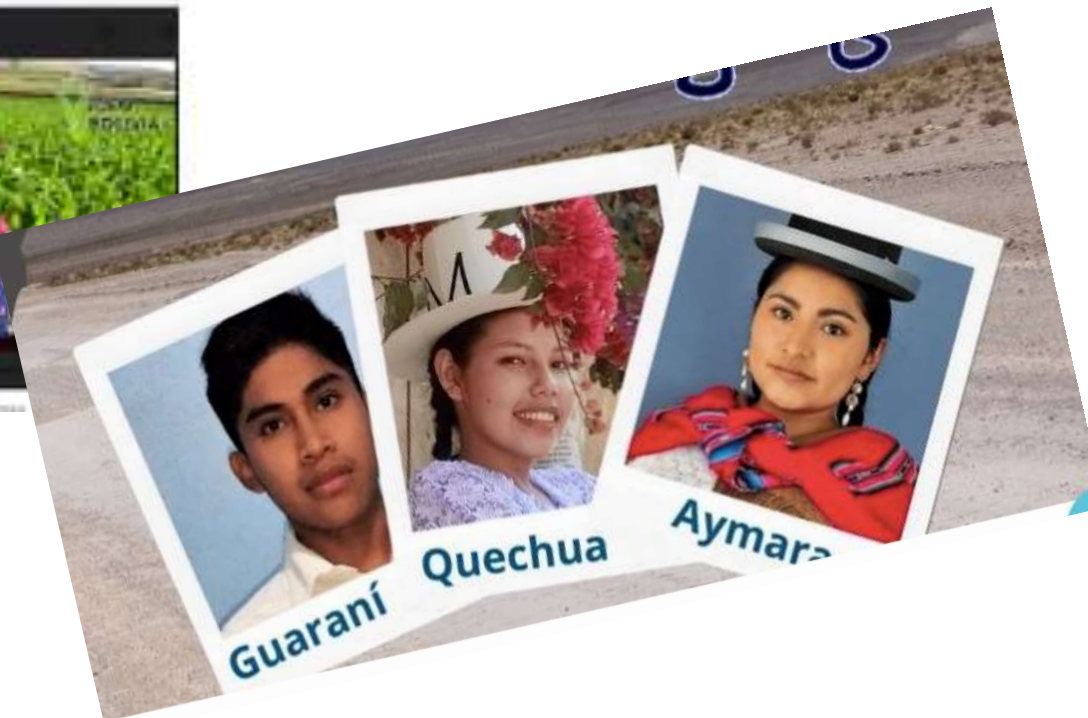
¡Arsemáforo!  
Biosensor de arsénico en  
agua



# Difusión de ciencias biológicas en idiomas nativos



Enseñando que es la biotecnología/biología sintética en quechua, aymara y guarani





STORIES, ANNOUNCEMENTS, AND INSIGHTS FROM AROUND THE IGEN COMMUNITY



Convention on  
Biological Diversity



**COP16**  
COLOMBIA  
Por con la naturaleza

## 2022 - UN Convention on Biological Diversity (COP 15)

