



NGO

ARCA BETA

We help future generations of Peru gain access to sustainable
education



ABOUT ONG ARCA BETA

- In 2021, during the pandemic, this initiative took shape. ONG Arca Beta was formally established in 2022.
- Mission: To improve the quality of life of children in the Peruvian Amazon through education, participation in environmental projects, literacy, and sustainable development.
- Vision: To create a sustainable future in the Peruvian Amazon where children are leaders in environmental protection and are given opportunities to access quality education.



TEAM NGO ARCABETA



President and Director: Miguel Angel Peña Flores



Administrator and Project Manager: Zulfia Dassayeva

Core Values

Innovation - Sustainability - Empowerment



STRATEGIC

ALLIES



NGO WORLD CLIMATE SCHOOL (NORWAY)



LEMANIA SCHOOL (SWITZERLAND)



NGO DEVI Sansthan (INDIA)



NGO GLOBALGIVING (USA)



ENVIRONMENTAL

CLUB 2023

- A. 31 hours of classes
- B. 13 students have attended classes (average)
- C. Volunteer teachers from Spain and Peru
- D. 2 school projects on circular economy
- E. Crafts





ENVIRONMENTAL CLUB REGISTRATIONS 2024

National and international volunteers, including environmental engineers, share their knowledge in theoretical classes to inspire students to take action in favor of the environment.

Through practical projects such as humus production, recycling, and environmental awareness, students apply what they have learned, promoting sustainable solutions.

Students create a vertical garden with recycled bottles and nourish it with compost made from organic waste, promoting recycling, sustainability, and practical learning.

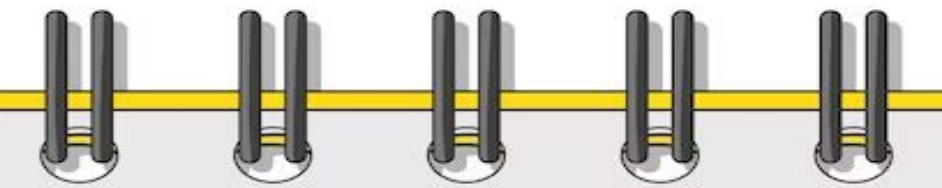


Meses	Actividades	Objetivo
Junio	<ul style="list-style-type: none">✓ Problemas ambientales✓ Cambio climático y biodiversidad✓ Economía circular✓ Caracterización y clasificación de residuos sólidos	Los participantes contarán con conocimientos previos sobre la realidad de la problemática ambiental a nivel local, regional y global. Y las oportunidades a partir de estas.
Julio	<ul style="list-style-type: none">✓ Promover prácticas sostenibles de gestión ambiental.✓ Cuantificación de residuos sólidos orgánicos e inorgánicos.	Reconocimiento, caracterizar y cuantificar la cantidad de residuos sólidos producidos en el I.I. EE. Belén
Agosto	<ul style="list-style-type: none">✓ Criterio de instalación de y diseño de compostaje.✓ Etapas del proceso de obtención de humus✓ Parámetros de control para la obtención de humus✓ Composición química del humus	Instalar un espacio adecuado para la obtención de humus a partir de los residuos orgánicos producidos en el I.I. EE.
Septiembre	<ul style="list-style-type: none">✓ Monitoreo del proceso de obtención de humus✓ Calidad de humos y suelo agrícola para la producción de plantas comestibles.	Obtener humus y estudiar su calidad para la obtención de plantas comestibles y otras aplicaciones.
Octubre	<ul style="list-style-type: none">✓ Preparación de materiales a partir de residuos sólidos (plásticos de botella)✓ Instalación de bioturbas	Aprovechar los residuos sólidos para producción de manualidades útiles. Que contribuyan a la economía circular.
Noviembre	<ul style="list-style-type: none">✓ Participación y promoción de actividades de experiencia cultural y de gestión ambiental.✓ especialidades del extranjero.✓ Cierre del programa del Club de Cronograma	Además, compartir los logros alcanzados en una feria de actividades.





ENVIRONMENTAL CLUB REGISTRATIONS 2024



- Students create a vertical garden with recycled plastic bottles and use compost to feed plants with natural fertilizer made from organic waste.
- This project combines recycling, sustainability and hands-on learning in the school yard.





ENVIRONMENTAL CLUB REGISTRATIONS

2024

Intercultural exchange
with a school in
Finland

R Reetta (Presentando)

¿Cuánto plástico se produce en Finlandia al año?

a) 600 millones de toneladas

b) 450 millones de toneladas

c) 550 millones de toneladas



elke

Reetta, Zulfia Dasaeva, Eetu Töllikko, Elias Lauronen, Christian Llalli Huaraca, alexandra gonzales sulca, Miguel Angel Pena Flor...

1:30 p.m. | fqr-bmqu-iaa



R Reetta (Presentando)

¿Cuánta basura tiran los finlandeses en un año?

a) 400 kilogramos

b) 500 kilogramos

c) 600 kilogramos



elke

Reetta, Zulfia Dasaeva, Eetu Töllikko, Elias Lauronen, alexandra gonzales sulca, Christian Llalli Huaraca, Miguel Angel Pena Flor...

1:20 p.m. | fqr-bmqu-iaa



ENVIRONMENTAL CLUB REGISTRATIONS 2025

- **Community Oil Recycling:** Students collected and recycled used cooking oil from their community.
- **Awareness Campaign:** They organized campaigns to raise awareness about the dangers of improperly discarded oil and the benefits of recycling.
- **Peer Education:** Students taught other classmates in their school about sustainability and recycling practices.





ENVIRONMENTAL CLUB REGISTRATIONS 2025

- **Community Sensitization and Environmental Education Campaign:**

Students are leading a campaign to **raise awareness and educate their community** about the importance of protecting natural resources in the Amazon





ENVIRONMENTAL CLUB REGISTRATIONS 2025

- **Soap Production:** Created 4 different versions of eco-friendly soaps using recycled oil.
- **Practical Learning:** Students gain hands-on experience in circular economy, sustainability, and entrepreneurship.





ENVIRONMENTAL CLUB 2025 RECORDS

Recycled oil by 6 groups:

172.18 liters between April and August 2025.

They used an app we created for the project as a gamification method and to stimulate competition. They also used it to extract data for the project and display data on climate change mitigation.

CO₂e = 0.57 T



Saved Water = 192,711 L



Fecha, hora	Equipo	Aceite usado, litros	CO ₂ e, t	Agua salvada, litros
2025-04-30T18:17:52.272Z	Nutrias	1	0	1000
2025-04-30T18:23:08.125Z	Gallitos de las rocas	1,35	0	1350
2025-04-30T18:25:26.478Z	Manati	1,2	0	1200
2025-04-30T18:28:13.674Z	Arapaima	0,35	0	350
2025-04-30T18:30:00.404Z	Tapir	8	0,02	8000
2025-04-30T18:33:07.033Z	Delfin rosado	1	0	1000
2025-05-28T18:40:47.770Z	Tapir	7,5	0,05	15500
2025-05-28T18:51:14.154Z	arapaima	1,3	0	1300
2025-05-28T18:57:28.026Z	nutrias	5,53	0,02	5525
2025-05-28T19:04:44.382Z	delfin rosado	5,22	0,02	5225
2025-05-28T19:10:09.018Z	Gallitos de las rocas	3,8	0,02	5150
2025-05-29T23:42:05.672Z	Manati	1,7	0,01	2050
2025-06-25T18:30:30.434Z	arapaima	6,22	0,02	7525
2025-06-25T18:35:03.931Z	Nutrias	3	0,01	4000
2025-06-25T18:39:16.537Z	Delfin rosado	5,38	0,02	6375
2025-06-25T18:46:25.762Z	gallitos de las rocas	5,75	0,02	5750
2025-07-09T20:40:25.762Z	Manati	3,45	0,02	5500
2025-07-16T19:43:36.728Z	Tapir	6,28	0,02	6275
2025-07-21T18:38:41.119Z	Delfin Rosado	10,4	0,03	10400
2025-07-21T18:46:58.099Z	Tapir	3,75	0,01	3750
2025-07-21T18:55:05.163Z	Nutrias	5,98	0,02	5976
2025-07-22T18:53:52.505Z	Arapaima	19,63	0,06	19975
2025-07-22T22:11:21.549Z	Gallitos de las rocas	6,33	0,03	11475
2025-08-27T18:36:28.970Z	MANATI	8,15	0,02	8155
2025-08-27T18:48:42.637Z	Arapaima	20,28	0,06	20280
2025-08-27T18:49:25.912Z	Tapir	16,25	0,05	16250
2025-08-27T19:14:00.474Z	Nutrias	2,63	0,01	2625
2025-09-03T18:32:08.271Z	Gallitos de Las rocas1	10,75	0,03	10750
Total		172,18	0,57	192711





ENVIRONMENTAL CLUB 2025 RECORDS

Testimonials from students in environmental club 2025

1. What did you learn about the importance of recycling oil to protect water and the environment?
2. Which of the four soap versions you produced did you like the most, and why?
3. How did this experience help you understand the circular economy and sustainability?
4. What new entrepreneurial or community project ideas did this activity inspire?





CONTACT



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**Thanks You
for attention!**