



1 CHIRIKUNUY  
TURKARIK



## YACHAY ÑAN KAMU

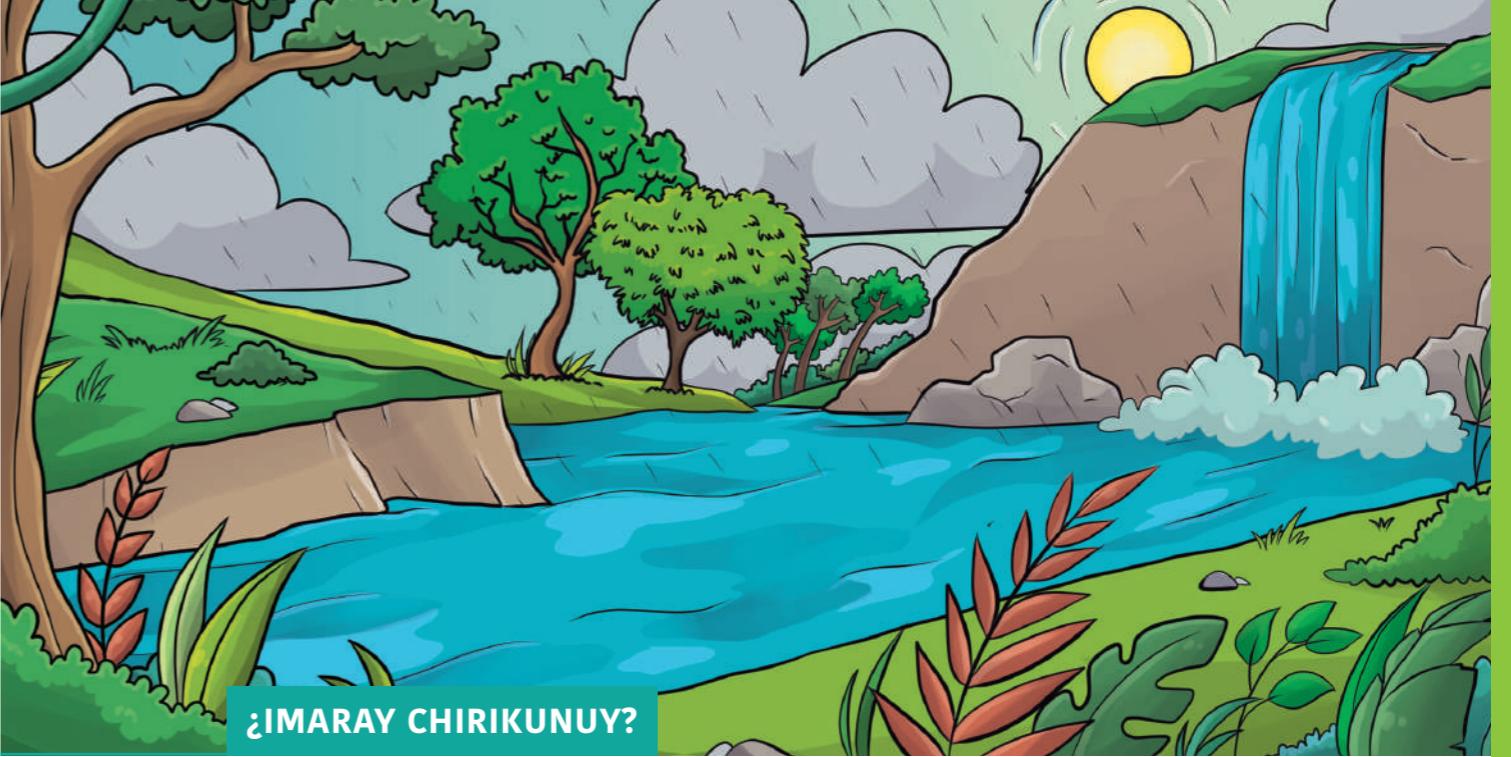
Ministerio del Ambiente, Agua y Transición Ecológica  
Ministerio de Agricultura y Ganadería



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kallarishka ritsichisha kay antisuyo wangulla rikusha apana sachakunara kishpichisha shinallara kuyrasha llamkay PROAmazonia, chay yuyayra apashariun kay yakumanta pachamama Yanapak wasikuna (MAATE), Ministerio de Agricultura shinallara Ganadería (MAG) nishkakuna, kay Programa de las Naciones Unidas para el Desarrollo (PNUD) yanapashkawa shinallara yanapaira churashka GEF y GCF wankurishka muntunkuna.

**Maki mañachikuna:** wankurishka ukumanta REDD+ kullki yanapakuna - PROAmazonia, Chirikunymanta turkarik pishilla kuchu, yakumanta pachamama Yanapak wasikuna.

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**Rurashka:** Quito - Ecuador

PNUD chaskin mirachingawa tukuy shinallara chawpilla kay kilcashkara, paykuna mana katuna akpi nisha, payna maymanda apishkasha, chaytas yachachina myan. Chay willaykuna, shinallara, apishkakuna shinallara los puntos de vista kay quilcashkay karan klinik killcan runakunaman mana PNUD kikin yuyay an. Kilka sumakmi nisha kuk, kamura allí wangusha churak, allí tunuy sakik shinallara allí kilcashkami nisha rimak:  
CORAPE

Tercera Edición  
Kinsaniki Yachay

**Killkatashuyu:** LAINCRE S.A.

**Kayakuy imashina killkana:**  
Ministerio del Ambiente, Agua y Transición Ecológica (MAATE), Ministerio de Agricultura y Ganadería, Programa de las Naciones Unidas para el Desarrollo. 2021. Guía de Capacitación REDD+. Programa Integral Amazónico de Conservación de Bosques y Producción Sostenible (PROAmazonía). Ecuador.

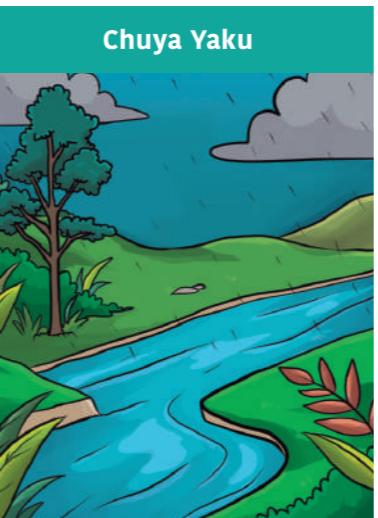
## ¿IMARAY CHIRIKUNUY?

Maykan mana ushanshi allyta pakllashinkawa. Chirikunuy rimakpika : yapa chiri pakarin, yapa rupay, tamya puncha tukun, aska wayrami tyan.

- **Yaku muyurik**
- **Kushni muyurik**
- **Efecto invernadero**

## ¿YAKU MUYURIK?

Kanmy yachankichu. Yaku kuyuchinamanta kimsa tunupy tyan:  
**Yaku, Rasu, Puyu.**



Yakumi tianmy mayupi, hatun kucha, uchilla kucha tamya.



Mayupi muyu rasu, puyu tukukuy.

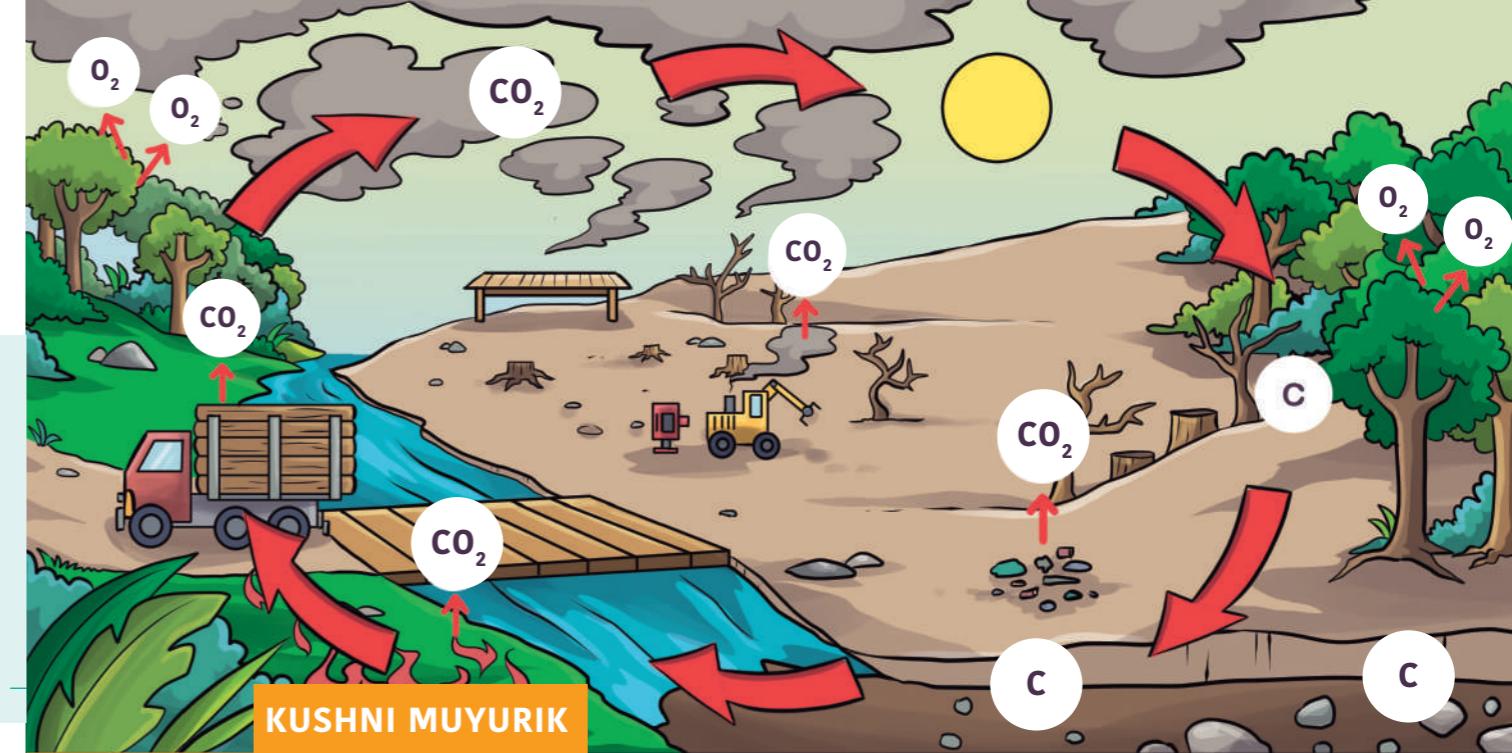


Puyu llukshina wayrapi puyupi tyan.

Mayukuna, uchilla kucha, hatun kucha intipy rupakyachin, shinallata yura pankara tyan. Yakupy kushni rinkapak kallaryn. Chuya yaku chimpaymi puyu turkaryn.



- | **Yaku kushni** sikapy muyu yakuta **turkarin**. Puyu yakupy **tikramun**. Yapakta muyu yaku tiyakpi allpaman urman tamya tukuysha.
- | Yakuta allpapi tukuy **kawsaykuna upiyan**. Shinapy runakuna, **mallkikuna, wiwakunata mutsurin**.
- | Shinapash **mayu**, hatun kucha, pampapi sakirin, sacha yurakunapi **wakaychirin**.



**Kushni (c)** nishka pachamama tyan quimico, tukuy pachakawsay kawsaya kun: tukuy runakuta wiwakunata, mallkikuna, wayrakata tyan.  
**Kushni(c)** kimsa tunupymi rikurin:

Chaymanta kutillata purinun, wiñay muyurishpa purin.



**Chuya Yaku:** Allpa mamapi tiyak yana wira.



**Rasu:** Ñaka tukuy imakuna tiyashka (runakuna, wiwakuna, mallkikuna, pampa).



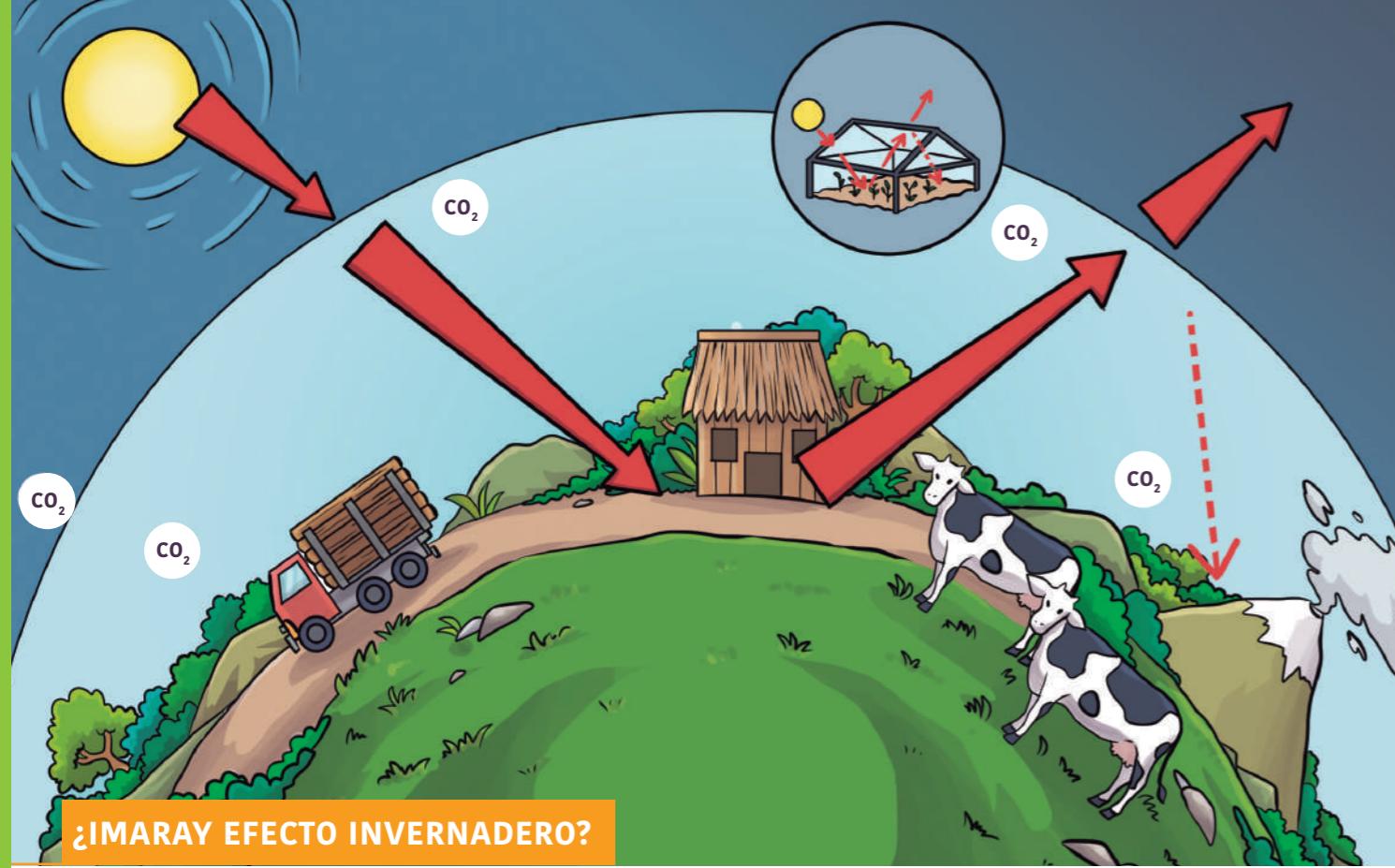
**Puyu:** Chakchuna hawapacha Wayra sikan.

**Kushni(C) runakuna, wiwakuna, mallkikuna, pampapi nishka wayrakata llukshin.**

- **Rupayrina**
- **Combustible fosiles rupayı shina : yana wira, carbón mineral, gas natural**

Kushni (C) nishka gaseosa llutanmy **wayrasamay (O2)** nishkawan llukshishpaka dióxido de **carbono(CO2)** tukun, kayta efecto invernadero rimanun.

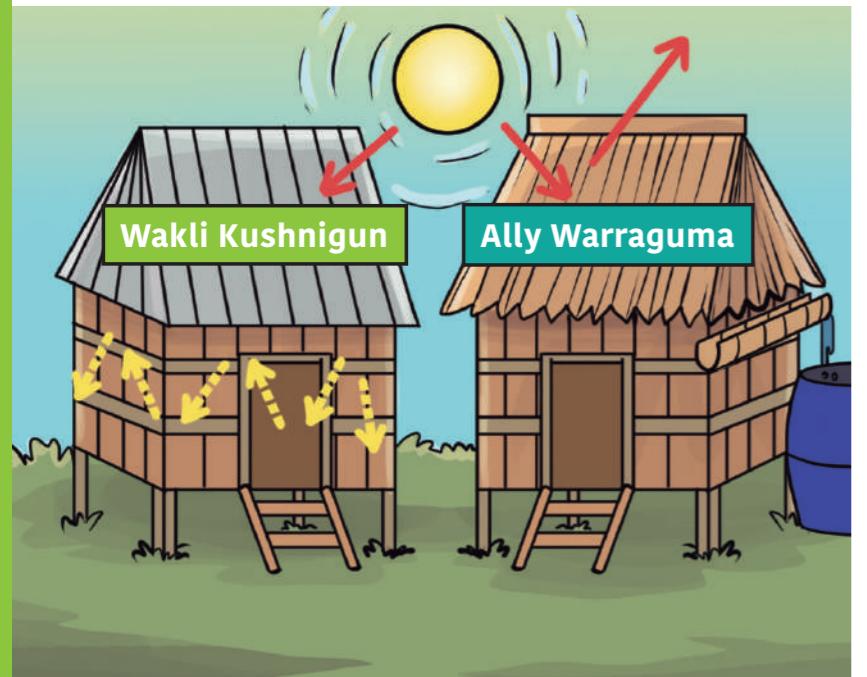
Kushni (C) nishka yuranamanta kuty tykramun kayka wayrapi dióxido de **carbono (CO2)**. Inti yanapayra kuyapi, mallkikuna kacharynun **kushni(C)**, Wayra **samay (O2)** kikinkuna mikunkapa, wiñakushkapimi minishtiryen. Kay intiwayllachishka yachanun.



## ¿IMARAY EFECTO INVERNADERO?

Efecto invernadero wayrakata **gases nishka tyan**, kankunaka pachakawsay tiyankapak indi rupay arkanun.

Karan kuty rupachipi combustibles fosiles niskata, rupachichi, kuchunchi sachakunata, kupata rantisha, **kushni (C)** nishkata myan. Emisiones de gases nishkata llukchikpi efecto invernadero yaparyn,



## ¿IMARAY GASES DE EFECTO INVERNADERO?

Kay Gases de efecto invernadero (GE) nishka, wayrakatapi tukun, chirikunuy alli kaysata kun.

Kay Gases de efecto **invernadero (GE)** nishka, wayrakatapi tukun, chirikunuy alli kaysata kun.

Shinallata runakuna ashka llamkaytakuna charyshpa kay gases yaparikmi chaymanta llakilla shamen: yapa chiri pakarin, yapa rupay, aska wayrami tyan.

Ashka gases de efecto invernadero tyan: Dióxido de **carbono (CO<sub>2</sub>)**, vapor de **agua (H<sub>2</sub>O)**, **metano (CH<sub>4</sub>)**, **óxido nitroso (N<sub>2</sub>O)**.

Tukuy gases de efecto invernadero mana kaylla chirikunupacha turkarik tukukankapa yanapan.



## ¿IMASNARASHA ARKANANKA CHIRIKUNUY TURKARIK?

- | **Yurakuna mana kuchusha pishiyachina .**
- | **Yana kurikunata, kushni samaykunata mana yapakta apisha, yakumanta, intimanta ushayllawa**
- | **Runa mikunakuna tarpuykunata churasha**
- | **Mana llakta ambikunata churasha katina**
- | **Ruku kallari yachaykunata chimbachisha apana**
- | **Hutun yachaykunata apishpa mirachina**
- | **Alli sumak pachakunata apishpa katina**

## ¿IMARAY CHIRIKUNUY TURKARIK?

**Ñukanchik** Chirikunuy turkarisha katishka. Kunan ñukanchik llamkaykuna pachamamata llakichin. Chaymanta kunan **punchakama tiyan**:

- | **Rasukuna ykuyaymanta**
- | **Yapa tamya llakishisha huntachin**
- | **Yapa chakishka pampakuna**
- | **Yapa inti rupay killakuna tiyan**

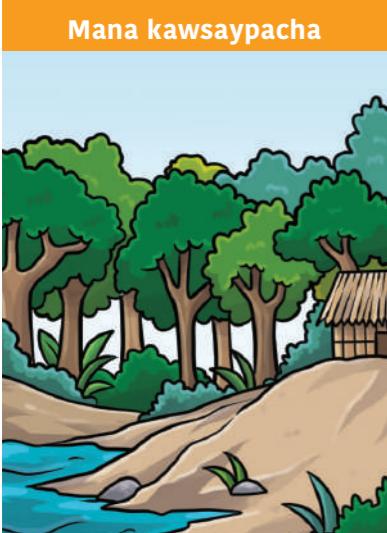
Gases de **efecto invernadero** hawapachapi sikasha allpa pachapi yapakta rupay tukun. Chaymanta urkukunapi rasu tukurin, allpakuna yaku illak sakirinun; chaymanta kay hawapachapi ima kawsaykunas tukurisha katin, unkuykunapash **mirarishami katin**.



## IMARAY KAY PACHA TURKARISHKARA YACHARINA

Kay turkarishka pacha llakik apamushkamanta ñukanchik yachaywan awama apana yacharina kanchik.

**Yapa tamayakunata, yapa huntachin pachakunata, yapa rupayasha katin, yapa chiriyasha ñukanchik kawsaykunata, wasikunata, tarpuykunata wakllichin, chaymanta tukuy runakunami yacharisha katina kanchik.**



## IMASNARASHA KAY PACHA TURKARISHKARA YACHARINA

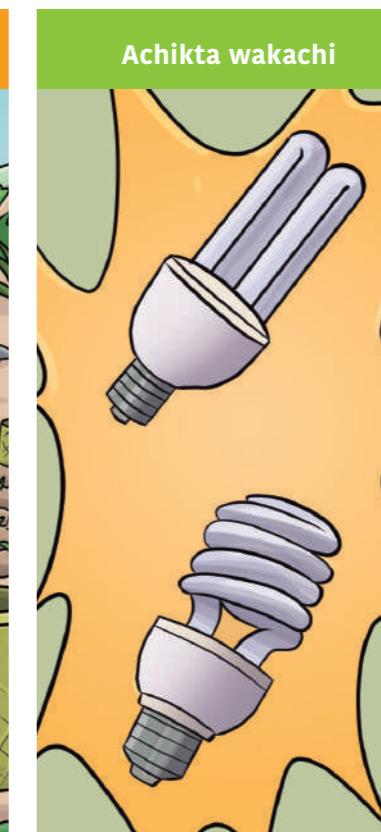
- Mayu patapi ama wasita rurashpa katina
- Allpa chakirin pachakunapi upyankapa yakuta wakachina.
- Tarpu muyukuna tamya pachapi, inti pachapi arkana.
- Wasikunata mayukuna, ayllu llaktapi sumak pichanami, unkuykuna tamya pacha, rupak pachakunapi ama yaparinkapak.
- Tarpushkata mana wayra, tamiya, yaku apanapi churana

## ¿IMASNARALLA MITIGACION CHIRIKUNUY TURKARIK?



Nishka **hawapacha kachashkata** pishiyachinatami rikuchin. Chaywak kushni hatu kuchapi, sachakunapi tiyakkunata tykrashpa hawapachamanta llukshinkapa mana **sakinachu kanchi**. Sacha llamkakuna ruraypi ashka emisiones de gases de efecto invernadero **allpallamkay, wakrakamay, apariykancha**, yura **kuchunata tyan**.

Sachakuna charispa, shinallata wakachispa, yanapanmy kushni( c ) ahawapachamanta.



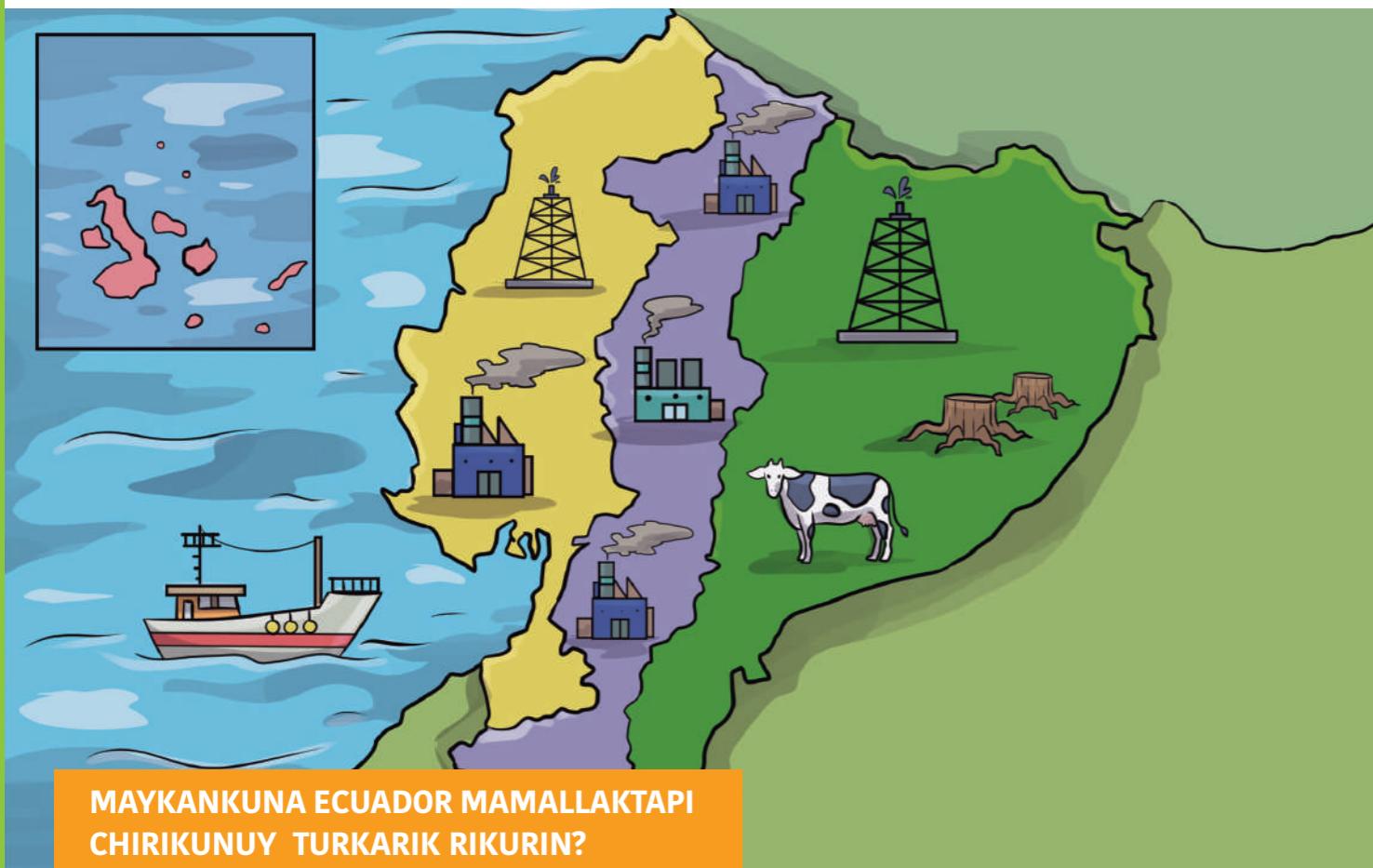
## ¿IMASNARASHA MITIGACION CHIRIKUNUY TURKARIK?

**Yurakuna mana kuchuchina.**

**Combustibles fosiles:** ( yana wira,gas, allpapachakak yanta) ansalla llukchina.

**Shuk samita hapina:** yaku (hidroelectricidad), inti (paneles solares), Wayra (energía eólica).

**Sachakunapi aylluyashpa llamkay.**



**Yapakta rupay kunti antisuyullapi tyan ashka unkuykuna punasuyuman paktakrinkuna.**



**Tarpu muyukuna llakichynmi.**



**Rasukuna yakuyakpika yaparin, ashtawan upiyana yaku pishian**



**Shina: maypipash mamallakta chirikunuy turkarik tyan:**

**Antisuyu:** Yura kuchushka

**Punasuyu:** Kurikunata llukchimun,industrias, wakrakamay.

**Kuntisuyu:** Industrias, refinerías, wakrakamay.



## KILKASHKA

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Kay Kamukuy Chirikunuy Turkarik nishka yachakuy yanapan tukuy ayllu llaktapi, llakta shinallata mamallaktapi riksinkapak yuyayta hamutaripak Chirikunuy Turkarik, Sachakuna, yurakuchuymanta shinallata sacha wakllichimanta emisiones pishiyachi rikuchin (REDD+).

Kaykuna kamuta edu comunicativos niskata yanapan hamutarikapak mamallaktapi, tukuy runakuna yuyakapak yallichinkak wakachinkak yurakuna mana kuchusha pishiyachina.



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