



# El camí de la solidaritat



## Awasuka Program 2020

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# El camí de la solidaritat



Founded in 2013



Cambrils, Tarragona

This **non-profit non-governmental organisation** promotes and supports **social transformation**, aimed at **improving living conditions** of local communities.

The organisation defends **human rights**, promotes **ethical values** based on **respect and dignity** of people, enhances **cultural diversity** and aims to generate **social awareness** and **emancipation** of vulnerable groups.

## OUR GOALS

### TO SUPPORT COMMUNITIES

by making them protagonists of their own development

### TO RAISE PUBLIC AWARENESS

of the economic, legal and social disparities of our society

### TO INVOLVE THE WHOLE COMMUNITY

in the decision-making process

Our work is based, above all, on **LISTENING**.  
It's a **journey** that starts with **local communities** and their real **needs**.

## OUR TEAM

A **multidisciplinary team of 18 individuals**, combining both **young business leaders** and **industry experts**

## OUR PARTNERS



**CCD Center for cooperation and development**  
UPC Polytechnical University of Catalonia, Barcelona



**HEC Paris**  
School of Management, Paris

## SOME PROJECTS WITH:

2013

Gripau Blau

2014

Caritas Cambrils

2015

Red Cross

2016

MMB syndrome

2018

Foundation Pascual Maragall

2019

ENACH

What are we working on in 2020 ?

# 2020 Awasuka Program

## Overall view



This program began in July 2015, following the **devastating earthquake** which struck **Nepal**.

Nearly **3.5 million people** were left **homeless**, 1.7 million of them were children.

“We work to **improve the living conditions** of the rural communities in remote areas and **empower them with technical knowledge** on different issues related to habitat, to achieve **safer homes**.”

## HOW WE DO IT



Building **seismic-resistant houses**



Installing **smokeless kitchens**



Raising awareness about **safe drinking water**



Stopping **demolition** of historical buildings



Promoting **local culture** in the village

## COLLABORATIONS



**Base-A**  
Catalan NGO, Barcelona



**Rotary Club of Kantipur**  
Nepalese Partner, Kathmandu

## OUR GOALS

- To upgrade basic health standards in rural houses installing **SMOKELESS KITCHENS**: Improved Cooking Stoves and Chimney-Hoods
- To convey **practical knowledge** and **raise awareness** about **SAFE HOMES**
- To **preserve Bhimphedi** village **HERITAGE**

Sustainable Development Goals



How? Keep reading!

# 2020 **Awasuka Program**

Right now focusing on **Building Smokeless Kitchens**

## THE PROBLEMS



### HEALTH

Household Air Pollution causes non-communicable diseases, including stroke, ischemic heart disease and lung cancer



### LIVING CONDITIONS

Lack of health standards in rural houses of Nepal, especially in **kitchens**, where **firewood** is still used for **cooking**, resulting in the **inhalation of many pollutants**



### GENDER INEQUALITY

Women and children are exposed to **3/7 hours daily of indoor house pollution** due to cooking, which **restricts** them from using this time towards **improving their economic conditions**



### ENVIRONMENT

Many households are **still using** traditional sources of fuel, predominantly **firewood**, which is **one of the most polluting fuels for the environment**

## THE CONSEQUENCES



**24.000** people die every year

due to illnesses attributable to household air pollution from inefficient cooking practices



**226.000** people get respiratory illnesses

due to household air pollution (HAP).

The diseases include stroke, ischemic heart disease, chronic obstructive pulmonary disease (COPD) and lung cancer



### Women and Children

Are the most affected ones

Exposure to household air pollution increases the risk for **childhood pneumonia** (45% of all pneumonia deaths in children)



# 2020 **Awasuku** Program

Right now focusing on **Building Smokeless Kitchens**

## INTERVENTION

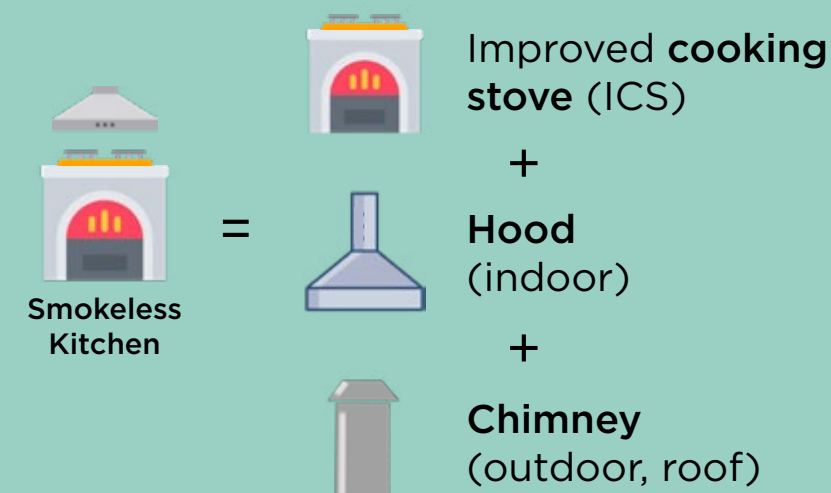
Improved stove interventions and install chimneys can reduce exposure to **HAP** resulting from solid fuel smoke

There are scientific evidences which demonstrate that:

- Exposure to **environmental pollutants** produces an increase in **pathologies**
- The cooking stoves and chimneys **reduce** exposure to **environmental pollutants**

**90%**  
of smoke escaping  
the house

**40%**  
of fuel saved



## WHAT WE HAVE DONE



**Awasuku** has fostered many “**Safe Homes**” by installing **333 smokeless kitchens** in **Bhimphedi Municipality rural areas**, where the use of firewood is still very widespread



**Awasuku** provides **awareness-raising meetings** for rural communities about the **importance of installing safe kitchens**

## WHAT IS THE GOAL FOR 2020?

To install **500** smokeless  
kitchens

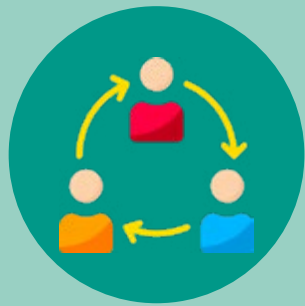
**50.000€**

# WHAT'S THE MISSION OF **El camí de la solidaritat** IN **Awaska Program**



**Raising money** for installation of 500 chimneys through private donations

- Crowdfunding
- Marketing campaign



**Raising awareness** about the problem among western countries and nepalese rural communities to enable them to be promoters of their own improvement



**Social Impact Evaluation**

Collecting relevant data to gauge the improvement in the well-being of families after the installation of smokeless kitchens

# Awasuka Program during Covid-19

**11<sup>TH</sup> MARCH 2020** → WHO declares COVID 19 as a global pandemic

**Does it make sense to go on with the program?**  
**ABSOLUTELY YES!**

## **WHY?**

● Individuals exposed to **HAP** (Household Air Pollution) can develop **lung disease** increasing their **vulnerability to Coronavirus**

● **Indoor air pollution** may increase the **transmission** and **severity** of viral infection as **Coronavirus**

### **References**

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Pica, N., & Bouvier, N.M., 2012. Environmental factors affecting the transmission of respiratory viruses. *Current Opinion in Virology*, 2, 90-95. DOI: 10.1016/j.coviro.2011.12.003.

Rudnick, S.N., & Milton, D.K., 2003. Risk of indoor airborne infection transmission estimated from carbon dioxide concentration. *Indoor Air*, 13, 237-245. DOI: 10.1034/j.1600-0668.2003.00189.x.

Dong, X., Cao, Y.Y., Lu, X.X., Zhang, J.J., Du, H., Yan, Y.Q., et al., 2020. Eleven faces of coronavirus disease 2019. *Allergy*. DOI: 10.1111/all.14289.

# WE NEED YOUR **HELP!**



## HOW CAN YOU HELP?

Bank account: ES98 2100 0787 1802 0022 3229

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