


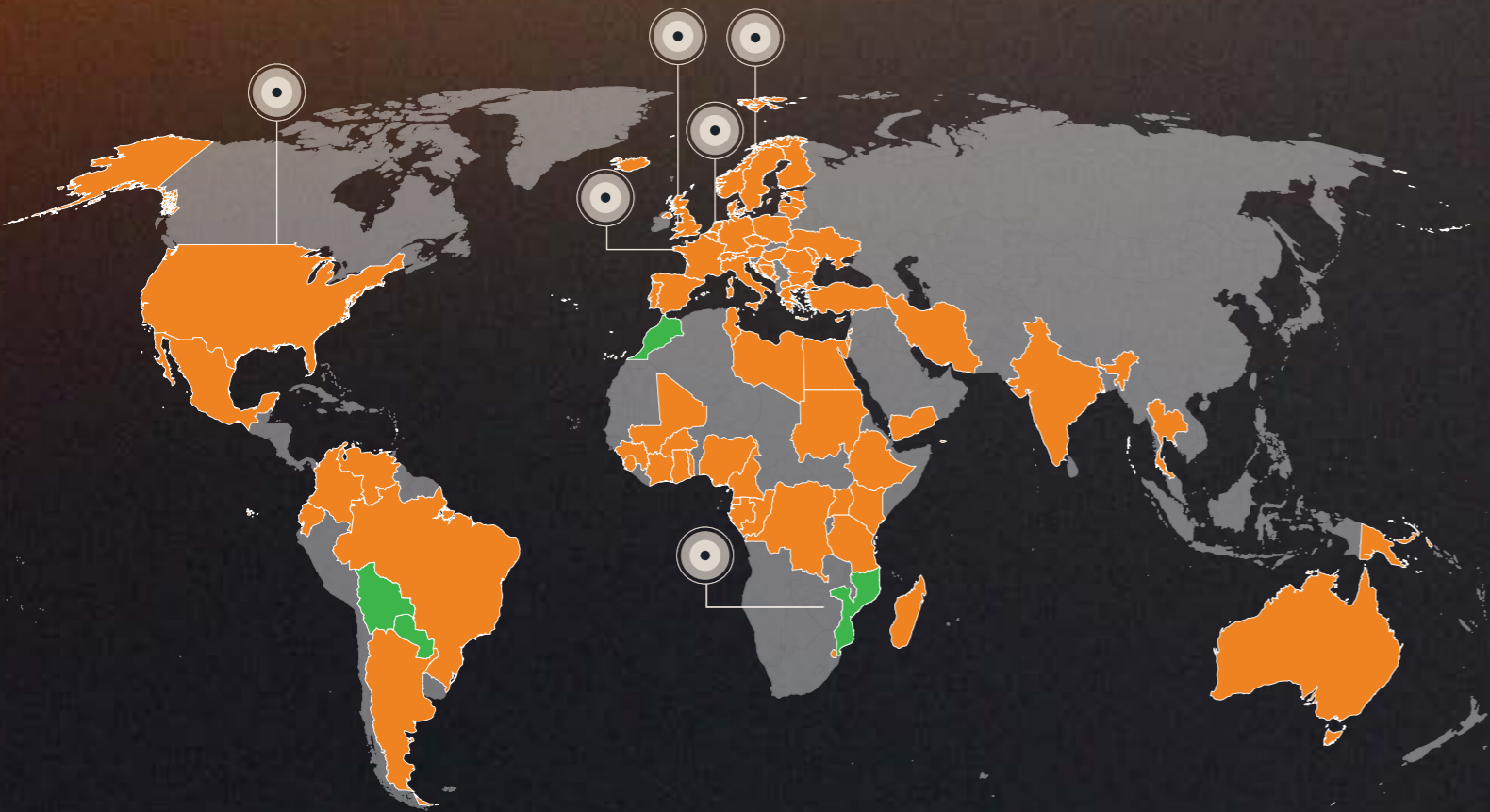


# Global Presence

## Forging alliances worldwide

-  Countries where ISGlobal coordinates projects and networks
-  Long-term strategic alliances
-  Main international institutions with which ISGlobal published scientific articles during 2021



Mozambique



Morocco



Bolivia & Paraguay

# Building tomorrow's health

## Annual Report ISGlobal 2021

**ISGlobal** Barcelona  
Institute for Global Health

A partnership of:  "la Caixa" Foundation



**ISGlobal** 2021 Annual Report

Read the 2021 Annual Report at [2021.isglobal.org](https://2021.isglobal.org)

# Highlights

## Turning the spotlight on key achievements

### Stress in the Air

A citizen-science project explored the association between air pollution and mental health.

### Less is More

A clinical trial carried out in Bolivia finds that a shorter treatment for Chagas disease is as effective as the standard regimen, and much safer.

### Smoke Signals in the Placenta

Smoking during pregnancy is associated with chemical modifications in placental DNA, which in turn are associated with poor birth outcomes.

### Disease in a Warming World

Climate change could have direct consequences on malaria transmission in densely populated areas of Africa.

### Year Two

The second year of the COVID-19 pandemic was marked by the emergence of new viral variants and inequitable access to vaccines and treatments

### A Summer Hit

The first International Summer School on Advanced Methods in Global Health, organised by the Severo Ochoa programme, attracted 300 participants from 50 countries.

### Beating the Heat

The malaria parasite can defend itself from fever and other adverse conditions in the host thanks to a newly identified regulator gene called PfAP2-HS.

### A Flying Start

Recruitment began for the ICARIA clinical trial, which aims to evaluate whether the administration of azithromycin alongside intermittent preventive treatment of malaria in infants reduces child mortality.

### Latin Horizons

Throughout 2021, our Policy and Global Development team consolidated and expanded strategic partnerships with major global health players in Latin America and the Caribbean

### Tap is Tops

Tap water or bottled water? For Barcelona residents, the answer is clear: tap water is by far the best choice for their health and that of the environment.

### Call Me (But Not at Night)

Phone calls in the evening may shorten sleep time in preadolescents, although it is not yet clear whether this is due to exposure to electromagnetic fields.

### Smart Money

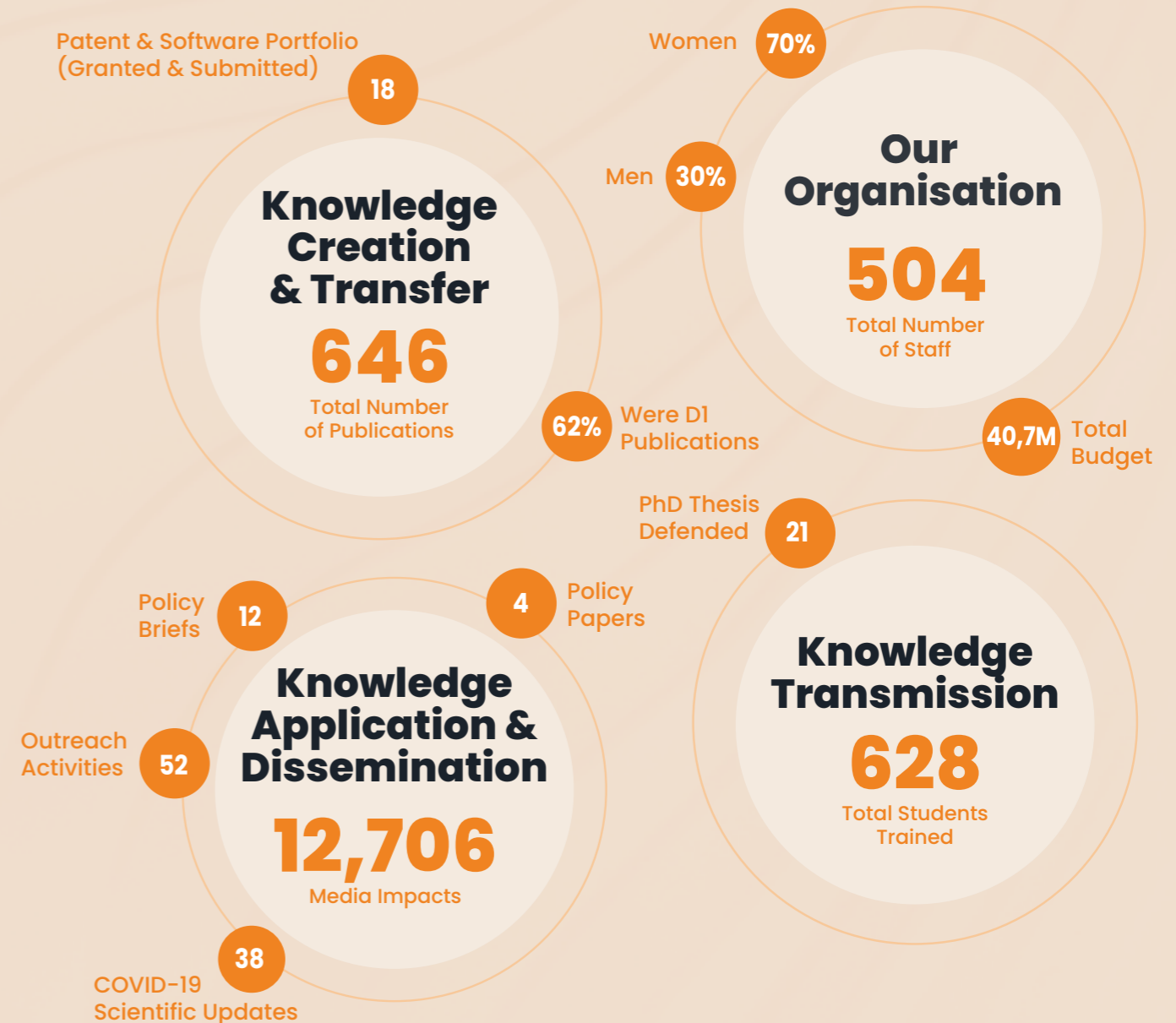
Brazil's conditional cash transfer programme, Bolsa Família, significantly reduced maternal mortality, particularly among young women.

### Unmasking the Culprit

A study identifies biomarkers that distinguish between bacterial and viral pneumonias and could be used for developing rapid diagnostic tests

# Facts & Figures

## Our year in review



# Our Institution

## How we contribute to Global Health

### 5 Initiatives

TRANSLATING RESEARCH INTO SOLUTIONS TO SOCIETY

### Policy and Global Development

A SERIES OF POLICY BRIEFS ON THE COVID-19 RESPONSE AND NEW INTERNATIONAL ALLIANCES.

### 9 Research Programmes

PLUS 3 CROSS-CUTTING GROUPS AND ONE INNOVATION AREA.

### Education & Training

LAUNCH OF THE MASTER OF PLANETARY HEALTH, SUMMER SCHOOLS AND RETURN TO CLASSROOM.