



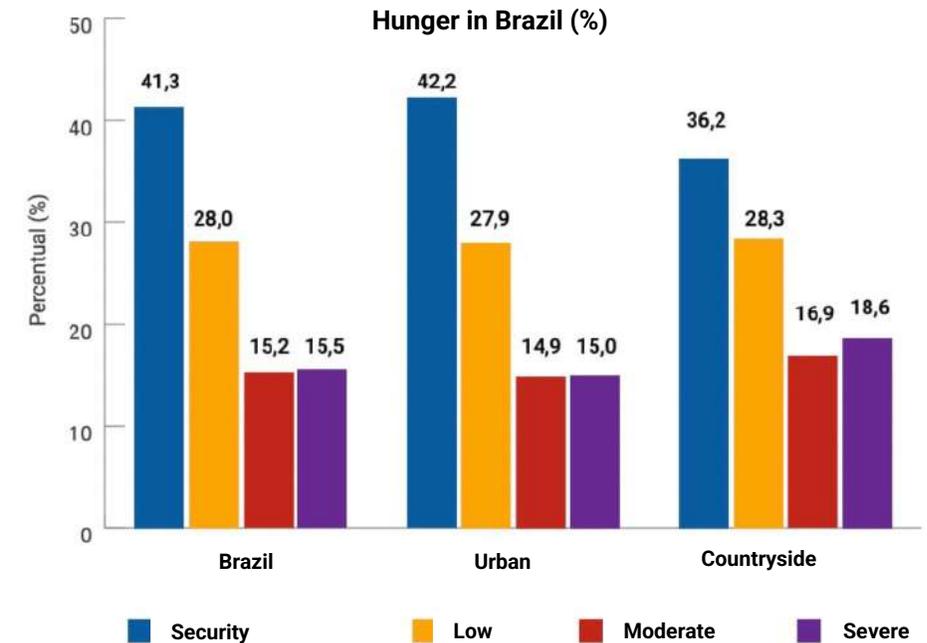
Cities without Hunger Brazil

Urban Farming under Power Lines



**ORGANIZAÇÃO
CIDADES SEM FOME**

THE PROBLEM: Food Insecurity



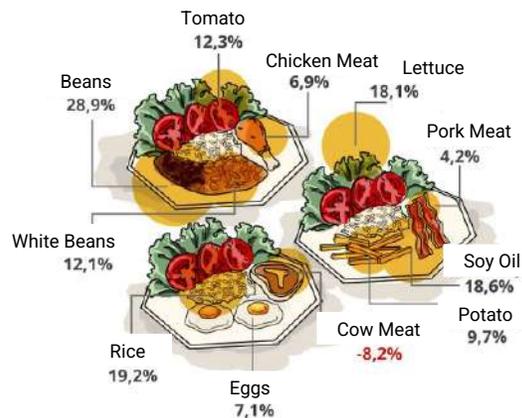
- Severe food insecurity was found in 15.5% of households. Brazil have 33 million people in hunger;
- 125.2 million people living in food insecure households. Food insecurity (at all levels) was present in more than 57% of households.
- The alarming levels of food insecurity are part of the context of crises that continue to make the Brazilian population vulnerable.
- Even those who produce food are paying a high price: hunger has reached 21.8% of farmers' and small producers' homes.

FOOD INFLATION

Expensive Food Kits

Food prices have risen 117% in the last 12 months

Item	DIEESE	12 months national inflation (%)
Tomato		117,48
Coffee		65,09
Potato		38,68
Sugar		37,66
Soy Oil		30,1
Flour		19,82
Milk		18,52
Fruit		15,73
Bread		11,16
Butter		10,54
Meat		9,06
Beans		6,19
Rice		-12,28





PROPOSED SOLUTION:

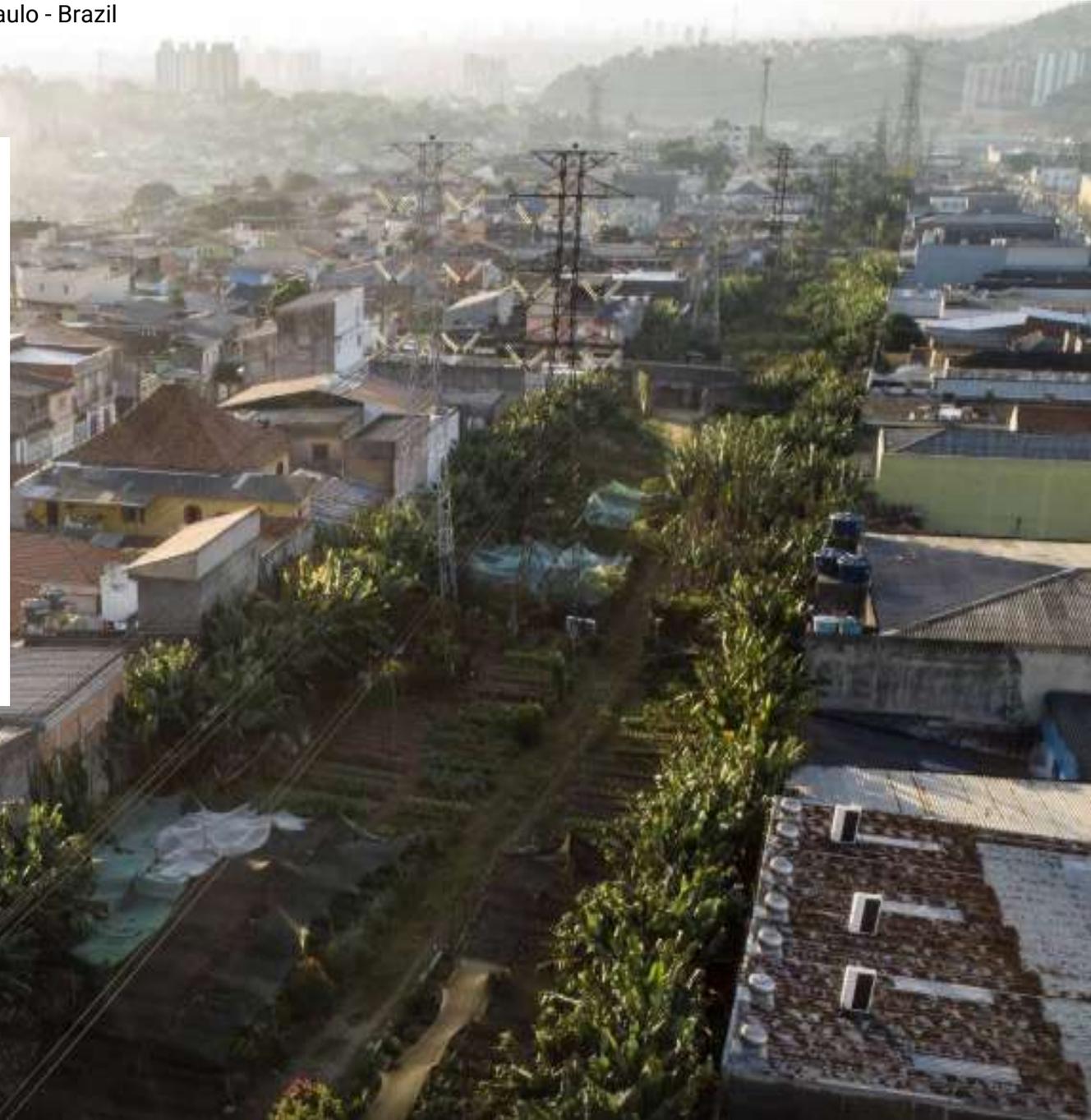
FOOD GARDENS UNDER POWERLINES

- We look for unused areas in poor communities within the city;
- Since 2010, we have built urban gardens with partnership with Enel Energy transmission lines in São Paulo;
- Agricultural activities beneath power transmission lines are regulated in Brazil by federal law (FL 2012/1587-2);
- Plantings must not exceed 2.7m in height, irrigation systems only by drip, and restrictions with certain metallic equipment, among others;
- The land is provided by Enel to our NGO on a loan basis for 10 years (renewable);
- No accidents have been recorded since the start of the operation;
- This project empower poor communities creating jobs, income and food security for the local population.

HOW IT WORKS

Urban Farm São Mateus II, São Paulo - Brazil

- Our NGO selects land on transmission lines in neighborhoods with high rates of urban poverty;
- Enel grants these lands on a lending basis. Work safety standards must be observed;
- CwH construct physical structure works (planting, warehouses, irrigation systems, bathrooms, kitchen, sales area) and selects local workers;
- The construction of the urban garden and the training of workers takes around 12 months;
- After 12 months, the urban garden produces enough food and sales to pay workers' salaries.



FARM STRUCTURE

Urban Farm São Mateus I,
São Paulo - Brazil

- 1 Gate
- 2 Processing Area
- 3 Workers Kitchen
- 4 Bathrooms
- 5 Seedlings greenhouse
- 6 Water tanks
- 7 Minimarket
- 8 Equipment warehouse
- 9 Tool warehouse



RESULTS

- **17 urban farms** under power lines;
- **35 workers** each (420 total);
- **49%** are woman;
- **monthly salaries** + benefits such as annual vacation, social security;
- **124 tons of food** produced per garden in 2022 (2.108 tons total);
- All production is sold at **low prices to the local population**;
- **21 poor communities** supplied with healthy food;
- **71% less water** used in irrigation;
- **Zero CO2** emissions in food transport: planting is next to consumption areas.

Urban Farm Poa IV, São Paulo - Brazil



ABOUT OUR FOUNDER

- Hans Dieter Temp, 59 years old, brazilian;
- Graduated in Agronomy from the University of Tübingen, Germany, in 1992;
- Mr. Temp worked on the private sector until 2001;
- From 2001 to 2004 he was the Chief of Sustainable Agriculture of the São Paulo's Mayor's Office;
- On 2004 he started the NGO Cities without Hunger. Today CwH is a Foundation;
- **In 2024 we will celebrate 20 years!**
- He is one of the main voices about income generation through urban agriculture in Brazil.



































WHAT WE WANT:

- 1) Produce food in urban and areas of Brazilian cities, closer to consumers;
- 2) Create jobs and access to food for the poorest population;
- 3) Improving nutrition for public school students;
- 4) Encourage sustainable agriculture;



WHAT WE DO 1

- ❑ Urban Farms;
- ❑ Organic Food;
- ❑ Local Jobs;
- ❑ Sustainable Agriculture;
- ❑ Efficient Irrigation;
- ❑ Food production next to consumers.



WHAT WE DO 2



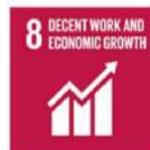
- ❑ School Gardens;
- ❑ Improve student's meals nutrition;
- ❑ Teach them about healthy eating, sustainable agriculture and respect for the environment.



WHAT WE DO 3

❑ Family Farming;

- ❑ We purchase products from family farms and farms in the east and south zones of São Paulo, reducing your dependence on middlemen;
- ❑ Credit and technical support: these family farms can produce food in large quantities in a sustainable way through fertilization, water use and use of natural pesticides;
- ❑ Preserving the native forest;
- ❑ Commercial support: food produced supplies the surrounding neighborhoods, that is profitable for the farmer and the prices are accessible to consumers;
- ❑ Administrative: accounting techniques and document structuring, so these farms become real businesses that can organize themselves into cooperatives.



OUR IMPACT



URBAN
FARMS

33

546
Jobs

6.708
Tons Year*



SCHOOL
GARDENS

65

82
Tons Year*

61.477
Students
served daily



FAMILY
FARMS

05

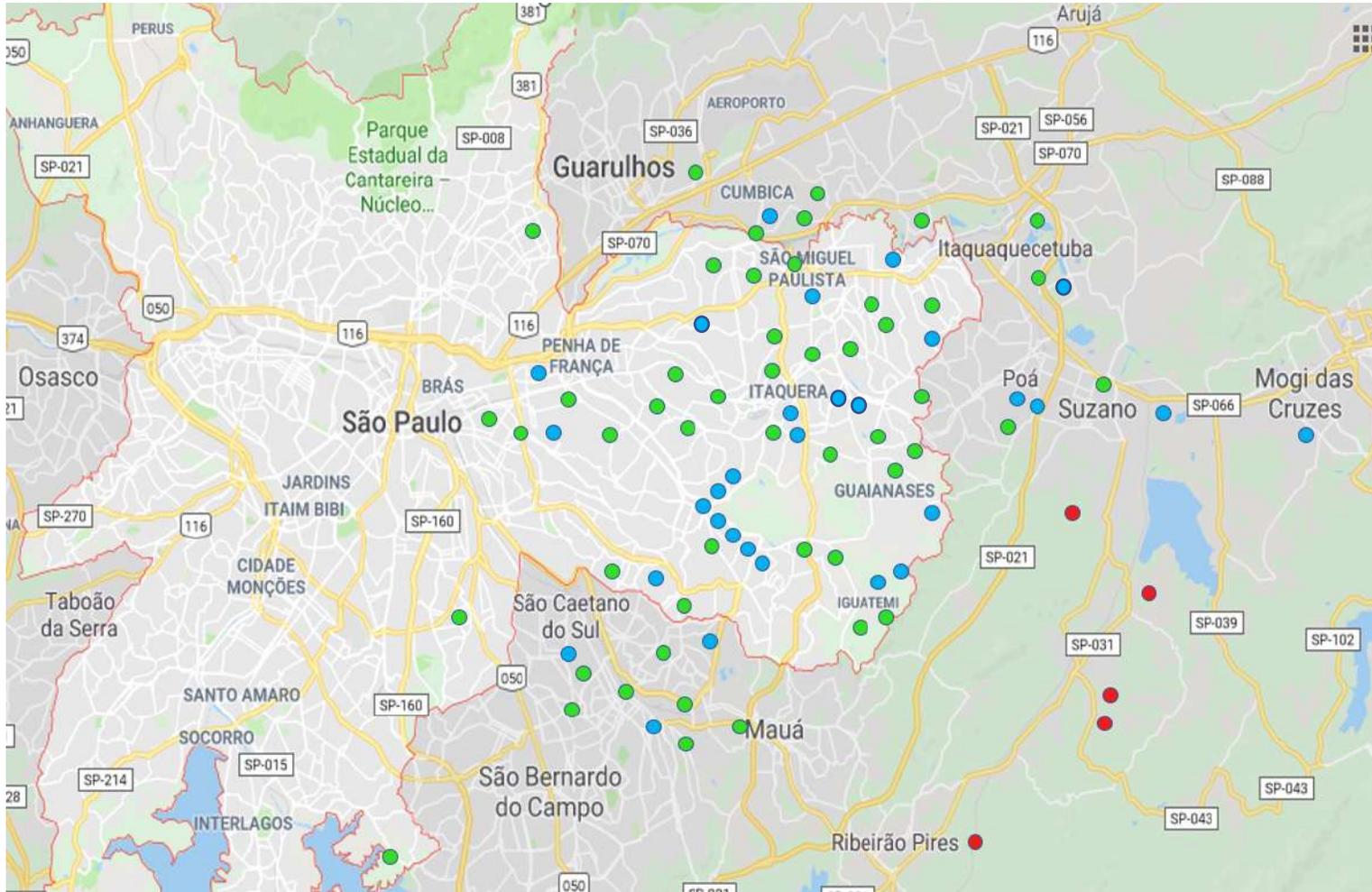
118
Jobs

07
Communities
Supplied

Note 1: Annual production 2022 at Urban Farms. Average of 16.9 tons/month per area.

Note 2: 2022 Annual Production in School Gardens. Average of 1.4 tons/month per area.

WHERE WE ARE



URBAN FARM

SCHOOL GARDEN

FAMILY FARM

OUR SUPPORTERS



Reino dos Países Baixos



Consulado Geral da República Tcheca
em São Paulo



PRIZES



جائزة دبي الدولية
لأفضل الممارسات
DUBAI INTERNATIONAL AWARD
FOR BEST PRACTICES



THE ST ANDREWS PRIZE
FOR THE
ENVIRONMENT



100 YEARS
1916-2016
Serving the Community



TRANSFORMAVES



Visionaris  UBS
Prêmio UBS ao Empreendedor Social



THANK YOU!

SÃO PAULO - BRAZIL

ORGANIZAÇÃO CIDADES SEM FOME

Rua Professor José Décio Machado Gaia 20, São Paulo - SP
BRASIL

Tel: +55 11 2735-4842

E-Mail: captacao@cidadessemfome.com

Web: cidadessemfome.com.br



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