CLIMATE CHANGE

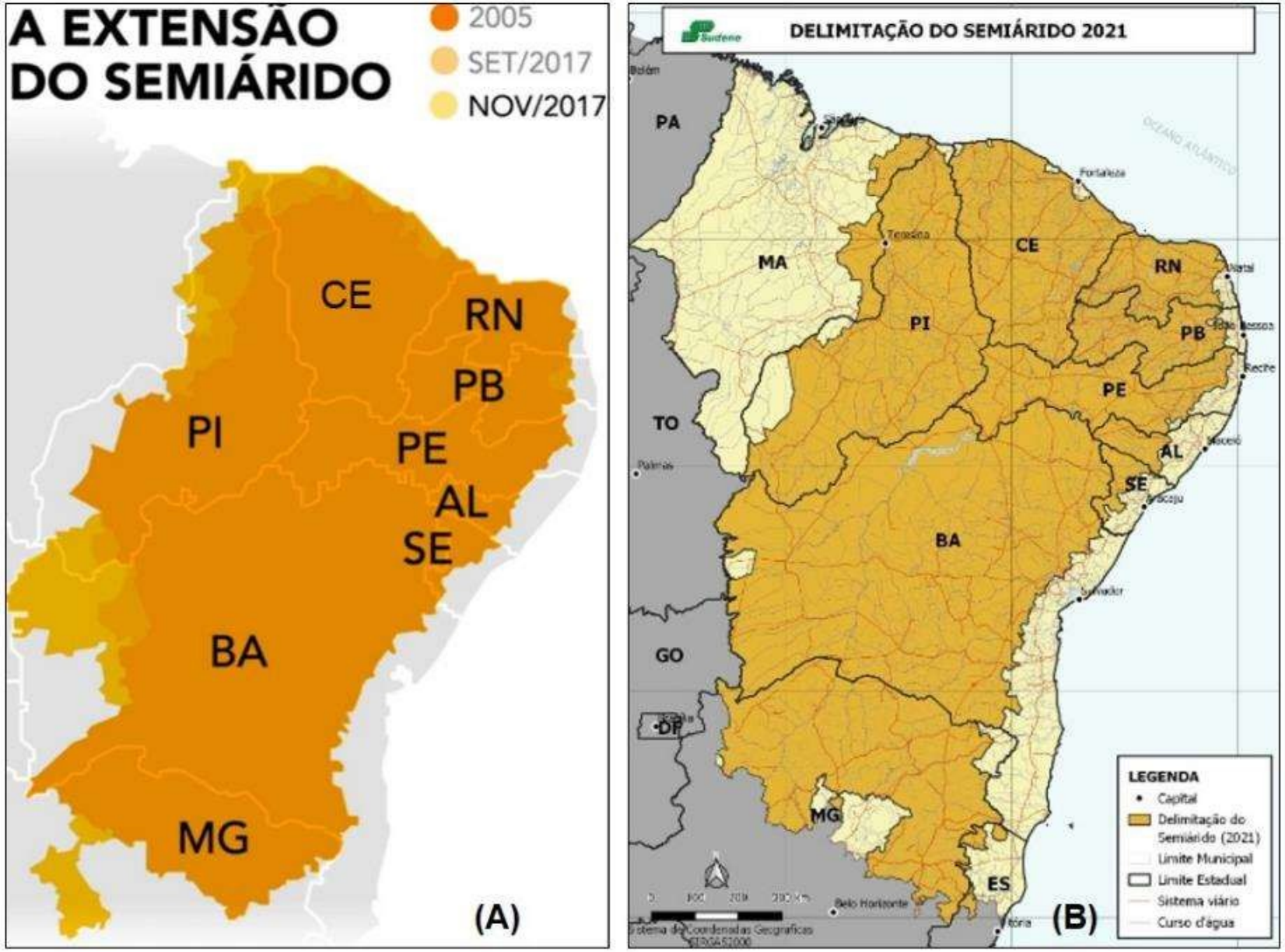
# HISTORY OF THE PRO-SEMIARID PROJECT

## Results and Achievements

FIDA
Investindo nas populações rurais

CAR
COMPANHIA DE DESENVOLVIMENTO E AÇÃO REGIONAL

Estado da Bahia
SECRETARIA DE DESENVOLVIMENTO RURAL




Number of municipalities: 1,136 in 2005; 1,262 in 2017; 1,427 in 2021. Source: SUDENE

# Problems that motivated the proposal
# Living in the Semi-Arid

- Little understanding of the specifics of the climate; and
- Lack of public policies on access, management and efficient use of natural assets with a view to maintaining the biodiversity of the semi-arid region Brazilian;
  - Concentration of land and water (hunger/thirst/migration/early deaths);
  - There is a lack of water for human consumption, for hygiene, and for animal and plant production;
  - The effects of the drought are treated as fatalities;
  - Encouraging the rearing/cultivation of non-traditional species adapted to the climate;

- ✓ Constant crop failures;

# Brazilian semi-arid region

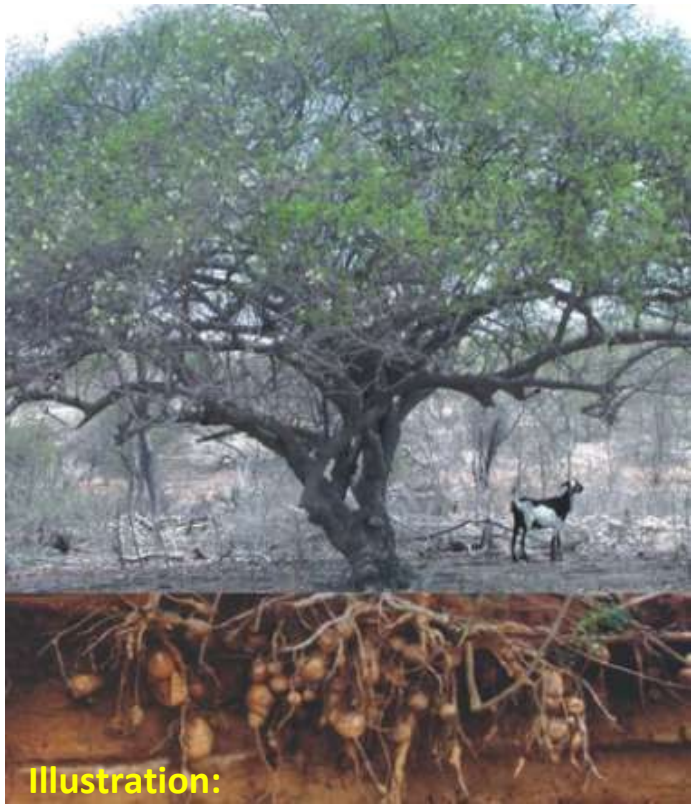


Illustration:
IRPAA

**Umbuzeiro - A lesson from nature, on access to and management of water in the Brazilian semi-arid region.**

Rainwater harvesting

Rural cistern

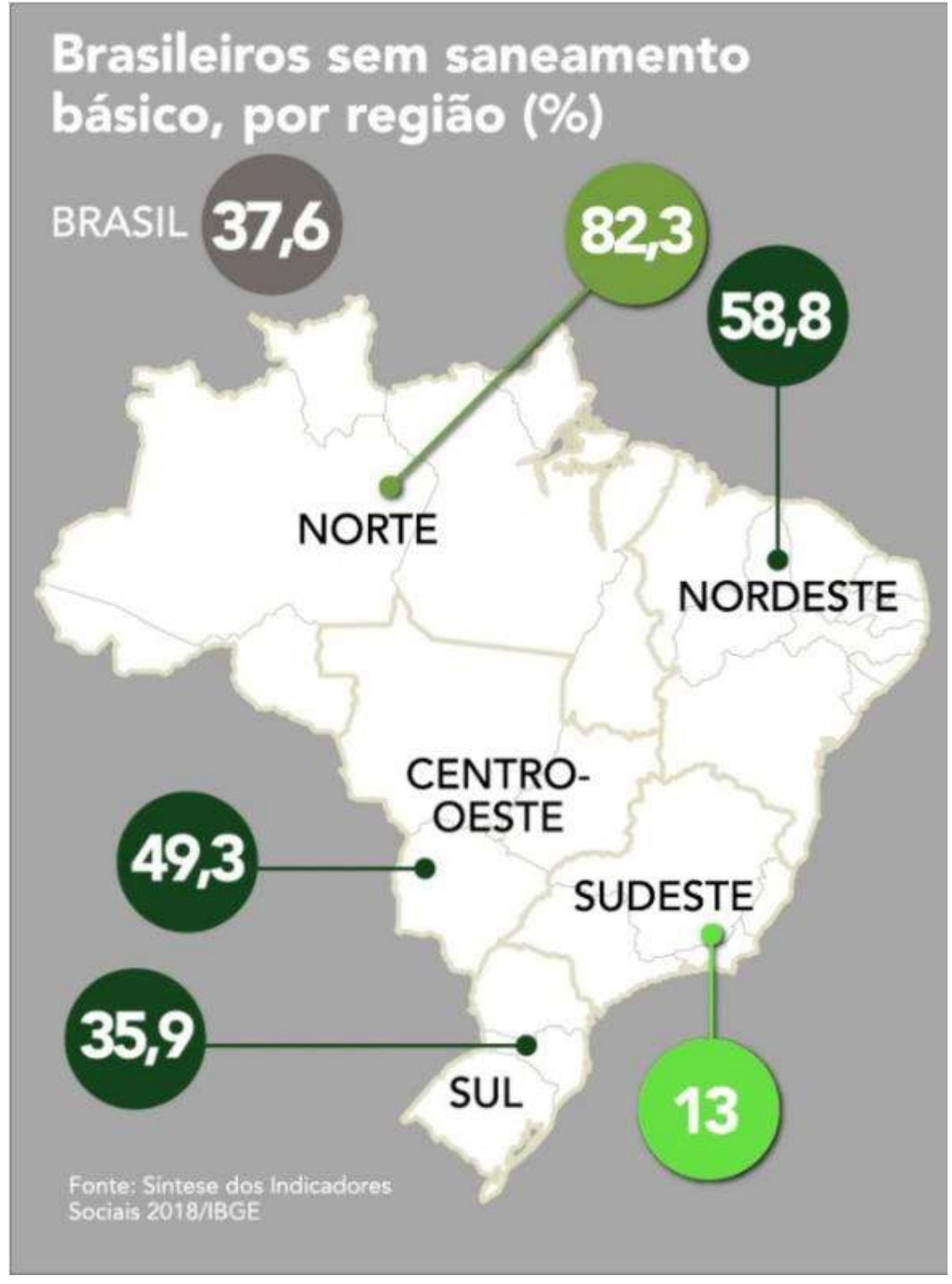
Photo: André Rocha

Cistern urban

# Problems that motivated the proposal
# Living in the Semi-Arid

Challenges and latest evidence:

- Growing Minifundia and Landlessness;
- Growth in irrigated areas of on a commercial scale (70 to 95 per cent of the water taken from sources) to export;
- Growing environmental degradation and, with it, desertification, evaporation, death of springs and intermittency of previously perennial rivers;
- Lack of basic rural sanitation;
- Climate change - Real territorial growth and trends in an increase in extreme weather events such as droughts;


Brasileiros sem saneamento básico, por região (%)
BRASIL 37,6
82,3
58,8
NORTE
NORDESTE
CENTRO-OESTE
49,3
SUDESTE
35,9
SUL
13
Fonte: Síntese dos Indicadores Sociais 2018/IBGE

# Basic Sanitation

Para reúso agrícola: Produção de alimentos, forragens e recuperação de áreas degradadas.

**BAHIA, ADDS VECTOR CONTROL**

**Discussions and advocacy on water reuse since 2014:**

✓ São Francisco Vivo People's Organisation

✓ Popular Citizenship Movement

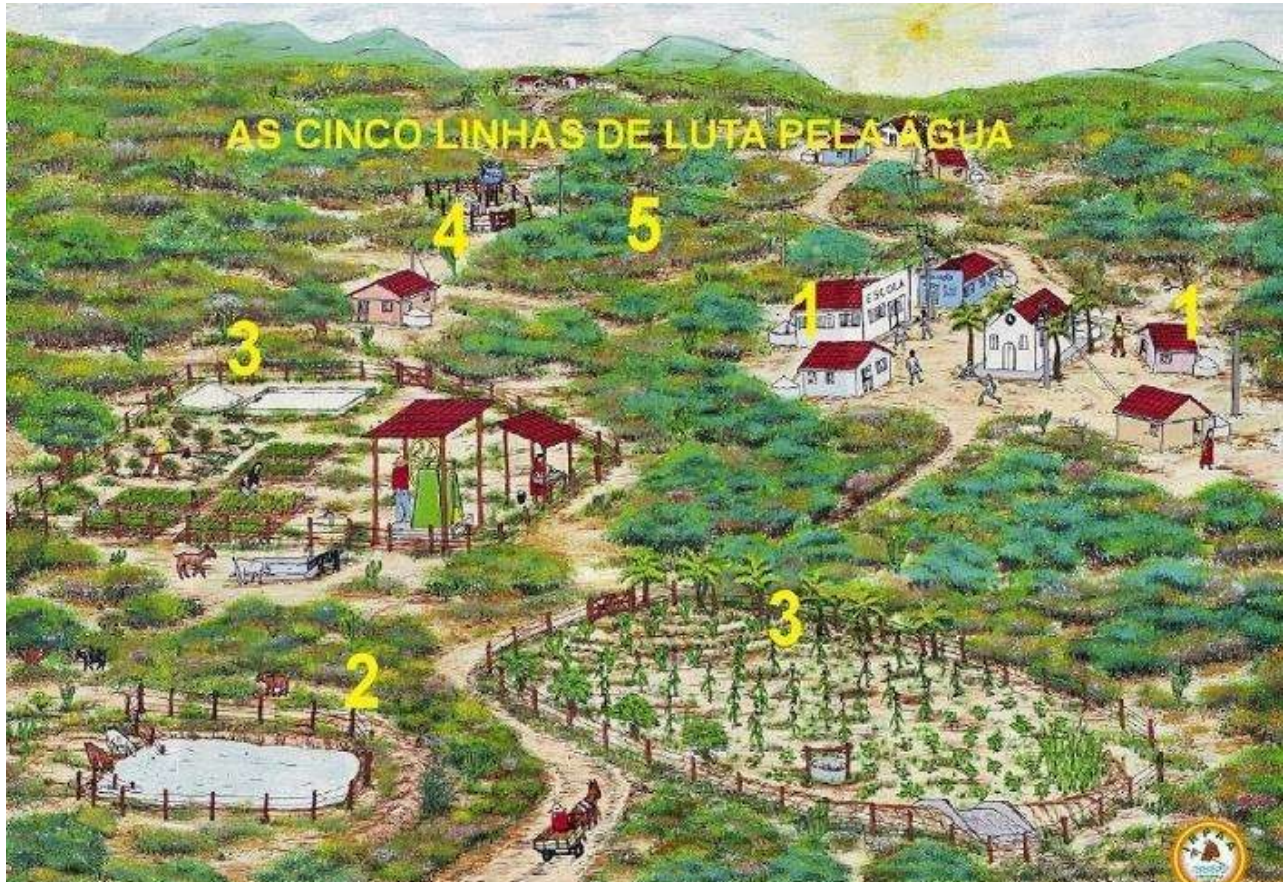
**Experimentation:** 2015 - BET, 2017 - Bioagua, 2019 - UASB reactor with polishing logas.

**Integrated narratives and practices of water access, management and management in the context of**

**of Coexistence with the Semi-Arid: "THE FIVE LINES OF THE FIGHT FOR WATER".**

## 1990 e 2023

1) Family Water
2) Community Water
3) Production Water
4) Emergency Water
5) Water Environment



# Creating new strategies and policies for living in the semi-arid region

a) Agrarian reform;
b) Regularisation and care for lands and territories;
c) Advancing rural sanitation;
d) Programme to protect and revitalise the caatinga and cerrado;
e) Decentralised, deconcentrated and democratic energy production;
f) Combating Violence against Women;
g) Contextualised education for coexistence with the semi-arid region.

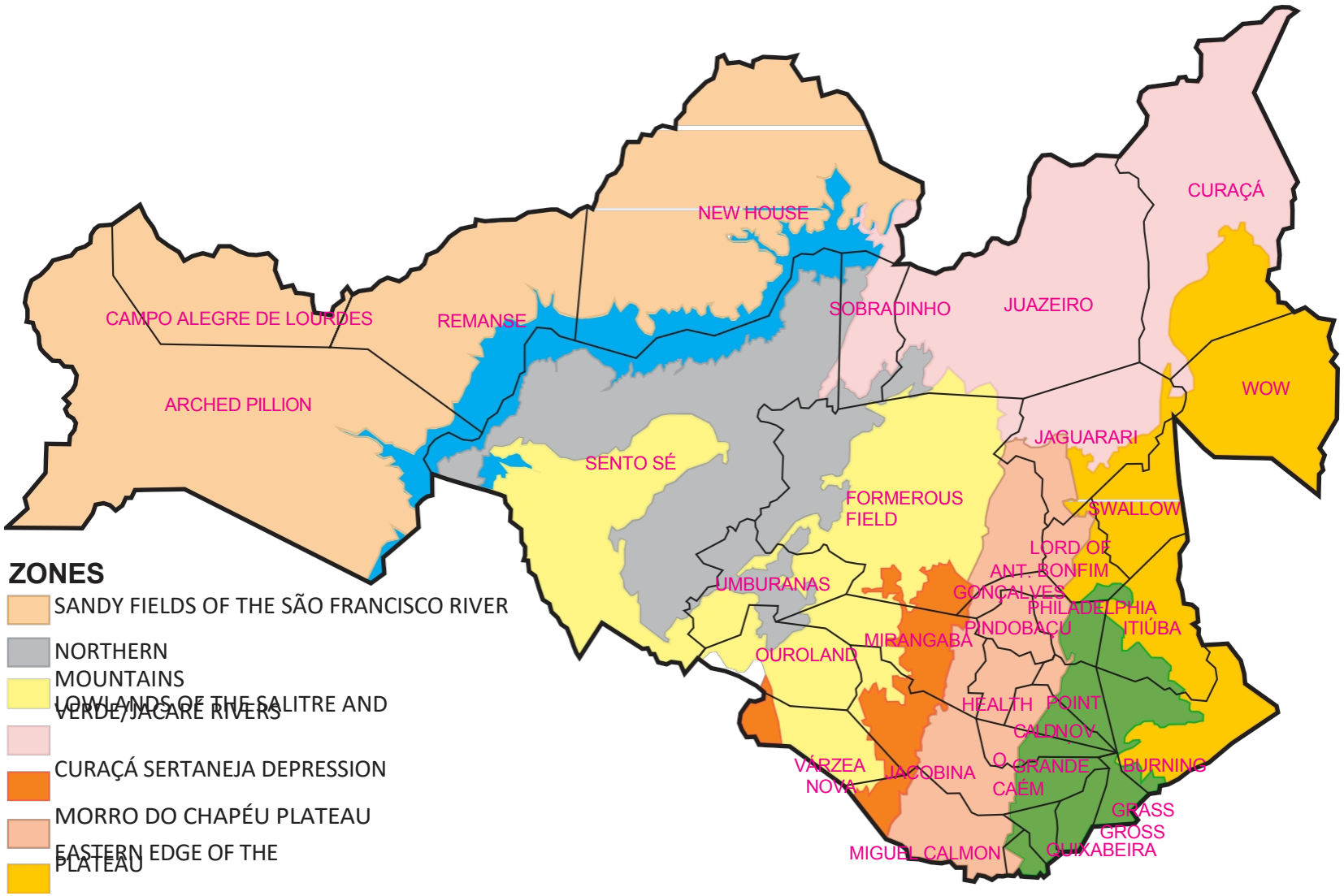
Decentralised renewable energy

Rural sanitation and resurfacing

CASA NOVA
CURAÇÁ
CAMPO ALEGRE DE LOURDES
REMANSO
SOBRADINHO
JUAZEIRO
SENTO SÉ
UAUÁ
PILÃO ARCADO
JAGUARARI
ANDORINHA
CAMPO FORMOSO
SENHOR DO BONFIM
ANTÔNIO GONÇALVES
UMBURANAS
PINDOBAÇU
FILADÉLFIA
ITIÚBA
SAÚDE
MIRANGABA
PONTO NOVO
OUROLÂNDIA
CALDEIRÃO GRANDE
QUEIMADAS
CAÉM
JACOBINA
VÁRZEA NOVA
CAPIM GROSSO
MIGUEL CALMON
SERROLÂNDIA
VÁRZEA DO POÇO
QUIXABEIRA
BAHIA
Escritório de Juazeiro
Escritório do Senhor do Bomfim
Escritório de Jacobina

-0003

# PRO-SEMIARID ECOLOGICAL-ECONOMIC ZONING




Carlos Henrique Ramos - CAR

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WELL

Exchanges Training
Meetings Dialogue
Tables SISTEMA SIS
SIM and SISB-POA
Plant Approval
Partnerships

S.I.M.
Serviço de Inspeção Municipal

CONSTESF
CONSÓRCIO SUSTENTÁVEL TERRITÓRIO DO SÃO FRANCISCO

LEGISLAÇÃO

SIM
CDS TIPNI
Consórcio Público de Desenvolvimento Sustentável - CDS TIPNI

Consórcio Público de Desenvolvimento Sustentável
PIEMONTE DA DIAMANTINA

**CONSORTIA/ MUNICIPALITIES/ PSA-**

# CAR

Família
MEL FORMOSO

Comunidade Delfino
Umburanas - BA
04.08.22
9h
SEMIÁRIDO FORTE
PREÇO, PADRONIZAÇÃO E QUALIDADE
Intercâmbio de experiências da Rede Semiárido Forte
FIDA
CAR

BURICÁ

coopes
LICURI
CARAMELIZADO

CONGELADOS

Coopes

**INVESTMENTS IN ECONOMIC ORGANISATIONS IN THE PRÓSEMIÁRIDO PROJECT:**

- **57 projects financed:**
- Sheep and goat farming (beef and dairy);
- Fruit growing;
- Cassava farming;
- Poultry farming;
- Beekeeping;
- Extractivism (Licuri, umbu and Buriti);
- Sugar cane;
- Cattle farming milk;
- Cassava derivatives,

- Fruit Processing Agroindustry and cassava, mobile flour house;
- Communal kitchens;
- Egg warehouse,
- Free-range chicken slaughterhouse;
- Honey warehouse;
- Fish farming in net tanks;
- Animal reproduction centre for goats and sheep;
- Goat and sheep slaughterhouse;
- Animal marketing centre;
- Strengthening dairy farming;
- Goat's milk dairy products;
- Caatinga warehouse;
- Emporium, shop, kiosk, farm shop familiar;
- Processing plants for licuri, buriti and sugar cane;
- Spice and popsicle unit.

**developments:**

Egnaldo Xavier and Nelson Santana - CAR

# IMPORTANT ASPECTS OF INVESTMENTS IN ECONOMIC ORGANISATIONS IN THE PRÓSEMIÁRIDO PROJECT:

- **Adding value** family farming products;
- Meet the **certification requirements** health and environment;
- Strengthening **administrative and financial management** and commercialisation of projects;
- **Inclusion of young people and women** in the enterprises generating income;
- Products of **agro-ecological origin, organic and in transition;**
- **Networking** associations, cooperatives, central associations and central cooperatives for marketing;
- Access to **short, medium and long circuit markets;**
- Access to the **formal and institutional market.**

Egnaldo Xavier and Nelson Santana - CAR

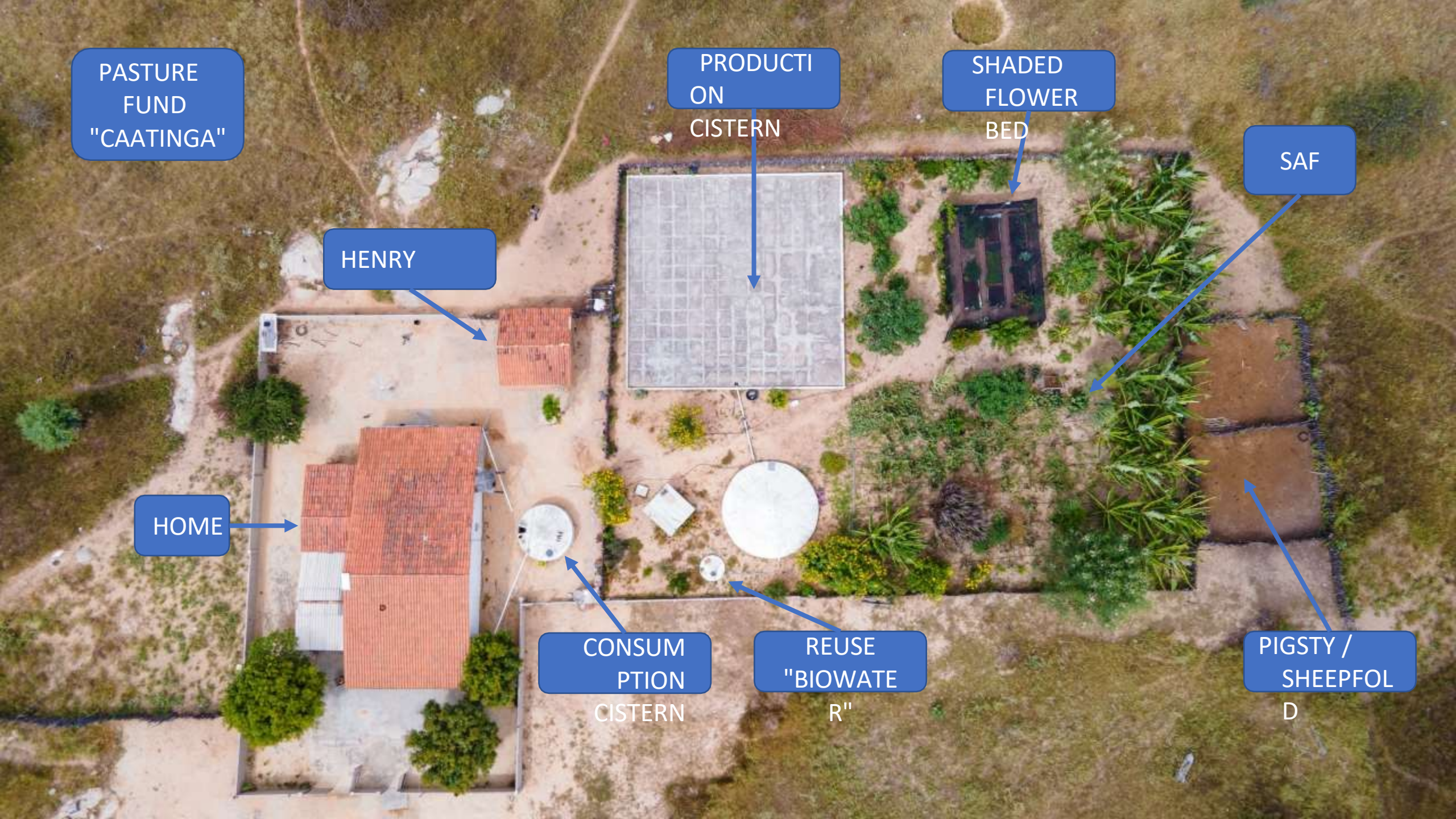
Feira
AGROECOLÓGICA
e Orgânica

FEIRA AGROECOLÓGICA
DE SENTO-SÉ
PARCEIROS
CAR

1ª Feira
Agroecológica
de Massaroca
e Região

FEIRA AGROECOLÓGICA DO SEM BOM
TERRITÓRIO FUTURO E AÇÃO

CAR


PASTURE FUND "CAATINGA"
PRODUCTION CISTERN
SHADED FLOWER BED
SAF
HENRY
HOME
CONSUMPTION CISTERN
REUSE "BIOWATER"
PIGSTY / SHEEPFOLD

# HISTORY OF THE PRO-SEMIARID PROJECT

## Thank you!

**Egnaldo Xavier- CAR/Pró Semiárido**

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Estado da Bahia | SECRETARIA DE DESENVOLVIMENTO RURAL