



# 26

## CATEGORY 6

TECHNOLOGICAL INNOVATIONS FOR HOUSING AND A SUSTAINABLE AND INCLUSIVE CITY

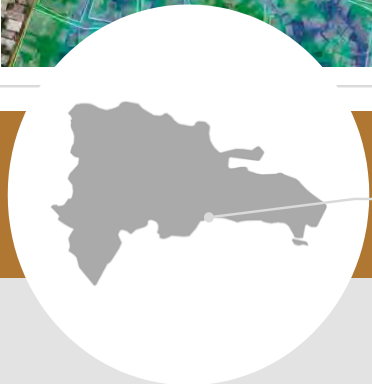
# TECNOECÓPOLIS: ECOBARRIO 3.0 (TECHNOECOPOLIS: ECO- NEIGHBORHOOD 3.0)

## ORGANIZATION

COLECTIVO DE ACCIÓN SOCIAL Y  
PROMOCIÓN DEL DESARROLLO  
ARCOIRIS



DOMINICAN REPUBLIC



SCOPE: METROPOLITAN, GREATER SANTO DOMINGO

## CONTEXT

### PROBLEM

THE MUNICIPALITIES OF SANTO DOMINGO ESTE AND BAJO DE HAINA, IN TWO NEIGHBORHOODS, CANCINO ADENTRO AND BELLA VISTA RESPECTIVELY, ARE PART OF THIS PILOT INITIATIVE THAT AIMS TO AN INTEGRAL DEVELOPMENT INTERVENTION. THE COLLECTIVE CONFIRMED THE NEED TO LINK GOVERNMENT, ACADEMY, MUNICIPALITIES AND COMMUNITIES IN THE SUSTAINABLE AND COMPREHENSIVE IMPROVEMENT OF THE NEIGHBORHOODS, BASED ON INITIATIVES THAT INCORPORATE TECHNOLOGICAL ELEMENTS AND SCIENTIFIC DEVELOPMENT.

### PROJECT

DEVELOP A TECHNOLOGICAL COMMUNICATION PLATFORM THAT SERVES AS A MEETING AND PARTICIPATION POINT BETWEEN CIVIL SOCIETY, THE SCIENTIFIC COMMUNITY, COMPANIES AND LOCAL GOVERNMENTS. COMMUNITY COMMUNICATION AND PARTICIPATION ARE ENHANCED THROUGH FACE-TO-FACE AND VIRTUAL ACTIONS; A NETWORK OF RESEARCHERS OFFERING SOLUTIONS APPLICABLE TO THE NEIGHBORHOOD DEVELOPMENT IS PROMOTED; AND A METHODOLOGY IS IMPLEMENTED TO MEASURE THE LEVEL OF SUSTAINABLE DEVELOPMENT IN THE NEIGHBORHOOD AND TO MONITOR THE ONGOING PROCESSES.

## RESULTS

### REACHED

- » TECHNOLOGICAL PLATFORM LAUNCHED ON OCTOBER 2015;
- » DESIGN AND APPLICATION OF MOBILE SURVEYS CARRIED OUT IN 2016-17 TO EXCHANGE INFORMATION BETWEEN THE PARTICIPANTS IN THE TERRITORY, INCLUDING THE SCIENTIFIC COMMUNITY;
- » COMPREHENSIVE MEASUREMENT SYSTEM OF INDICATORS FOR NEIGHBORHOODS SUSTAINABLE DEVELOPMENT READY FOR USE;
- » DEVELOPMENT OF METHODOLOGY AND PARTICIPATORY STRUCTURE IN THREE NEIGHBORHOODS AND FOUR RURAL COMMUNITIES IN GREATER SANTO DOMINGO FOR FUTURE APPLIED PROJECTS;
- » MULTIPLE PRACTICAL WORKS WITH 4 UNIVERSITIES, DEVELOPMENT OF INTERNATIONAL SEMINARY AND PUBLICATIONS.

### EXPECTED

- » ENABLE SERVER WITH CAPACITY FOR 100,000 VISITING USERS AND 10,000 INTERACTING USERS;
- » PROMOTE SYSTEMATIZED SURVEY TOOLS AND NEIGHBORHOOD INDICATORS, AND INFORMATION EXCHANGE IN VULNERABLE COMMUNITIES;
- » MAKE PROGRESS IN THE PROJECT'S SELF-SUSTAINABILITY TO FOSTER THE INNOVATION ECOSYSTEM FOR INTEGRATED DEVELOPMENT.

