

GOALS AND SOCIO-ECONOMIC PROSPECTS

reclamation and redevelopment of the abandoned mining landscape for cultural, research and industrial uses

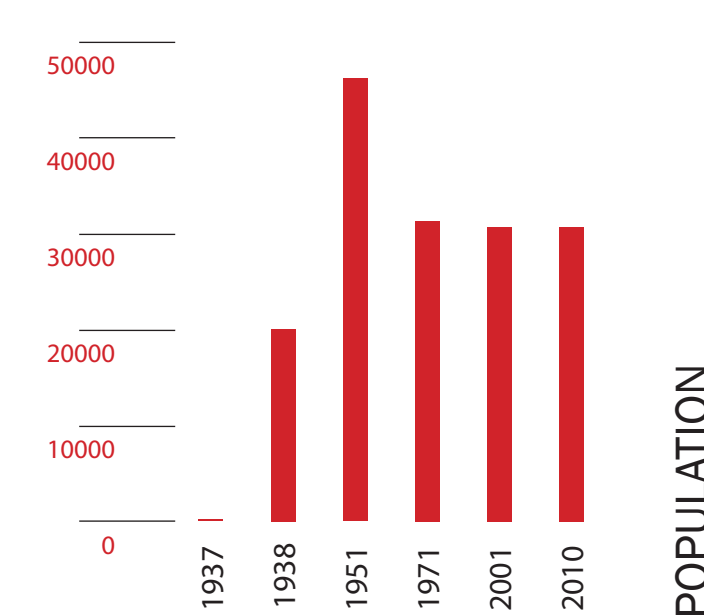
creation of a new model of sustainable territorial development based on the preservation and development of the mining landscape and the foundation city

promotion of research and higher education

reconversion and transformation of the industrial sector with initiatives in the field of alternative energy and clean energy and energy efficiency of buildings, in order to generate new employment and business opportunities

promotion of new cultural identity based on the identity-memory-innovation relationship

subjects involved:
 CARBONIA MUNICIPALITY
 CAGLIARI UNIVERSITY
 GEO-MINING PARK
 AUTONOMOUS REGION SARDINIA
 REGIONAL PUBLIC HOUSING AGENCY
 SULCIS-IGLESIENTE PROVINCE
 SOTACARBO
 EUROPEAN UNION



STRATEGIES

ACTIONS/RESULTS

CARBONIA RECOGNITION OF A CULTURAL LANDSCAPE

planning activity centered on the regeneration of the city's Modernist urban and mining heritage through sustainable co-planning among such institutions as

CITY PLAN

CARBONIA Modernist heritage designated protected landscape according to Italian landscape law Urbani Code which implements the European Landscape Convention

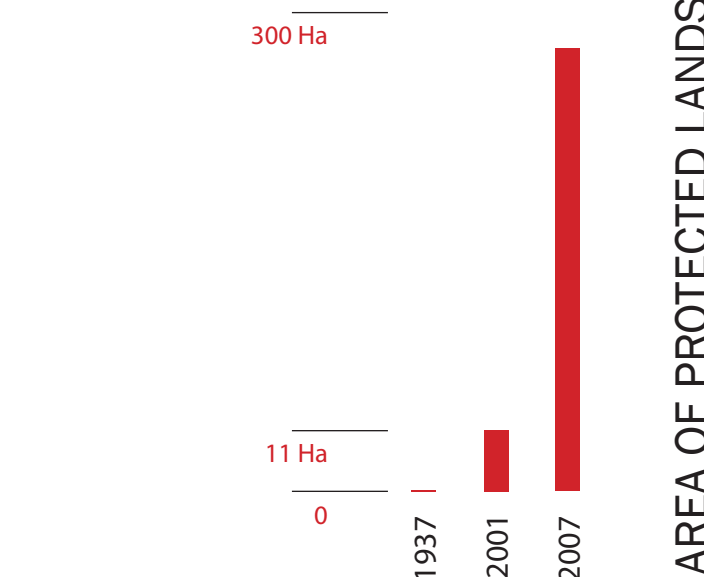
PLAN IMPLEMENTATION AND MANAGEMENT TOOLS

Knowledge Constuction: (Catalogue of Rationalist Architectural Heritage)

Regulations: Map of Landscape and Architectural Qualities Handbook for the Recovery of Modernist Building Guide for Building Modification

PERMANENT LABORATORY FOR CONSULTATION AND DISCUSSION

Management: Laboratory for architectural and urban quality



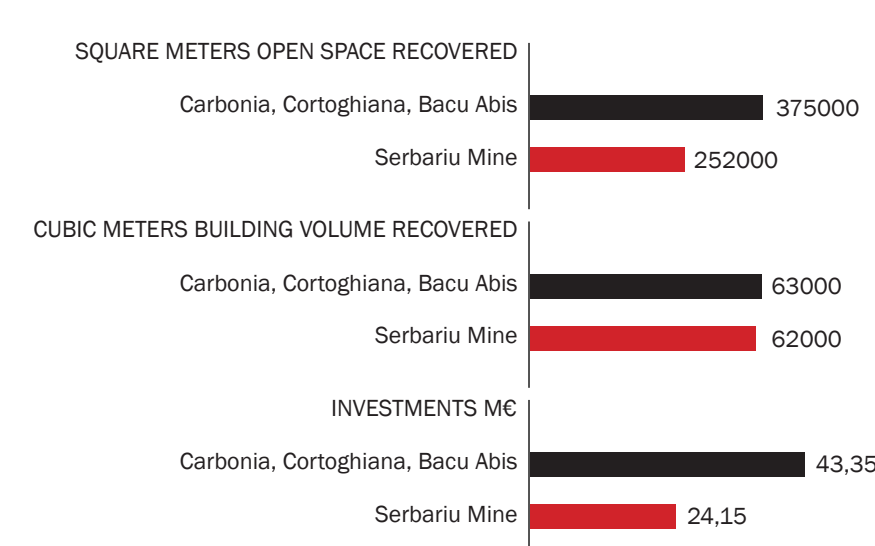
CARBONIA QUALITY URBAN LANDSCAPE

regeneration of the city's historic mining and urban landscape

IMPLEMENTATION PLANS

PUBLIC SPACE REDESIGN

RESTORATION OF CIVIC AND INDUSTRIAL MONUMENTS



CARBONIA CITY OF SUSTAINABILITY RESEARCH AND DEVELOPMENT

reposition Carbonia within the world's burgeoning green economy

CREATION OF A RESEARCH FACILITY

Recovery, restoration and rehabilitation of the great serbariu mine

ATTRACTION OF RESEARCH AND DEVELOPMENT INSTITUTIONS

Laboratory for Materials and Energy Efficiency promoted by Sardinia Research-University of Cagliari

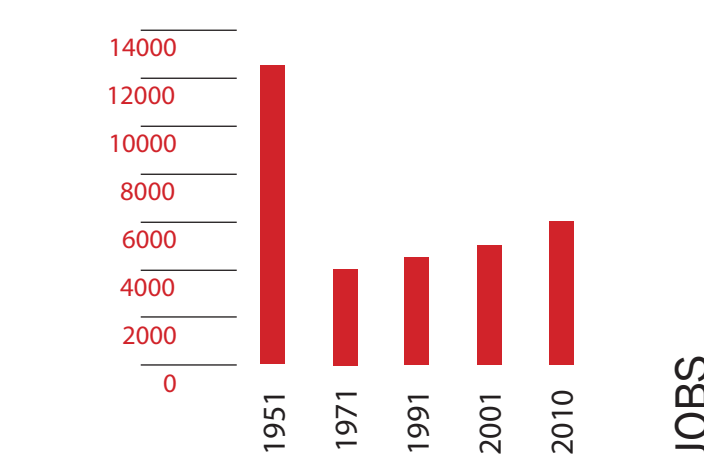
Center for research on renewable energy (Sotacarbo)

Conference center

DEVELOPMENT OF HIGHER EDUCATION AND ADVANCED TRAINING PROGRAMS

International Masters Program in Restoration and Preservation of Modern Architecture (Department of Architecture, University of Cagliari, Do.Co. Mo.Mo. and the University of Rome at Tor Vergata)

Serbariu provincial library system and mining archives



CARBONIA CULTURAL CENTER/LIVING LANDSCAPE MUSEUM/PUBLIC ARTS PROGRAM

transforming the city's industrial heritage and urban identity into a contemporary cultural center with a variegated offer of museum-related cultural

MUSEUM STRUCTURES

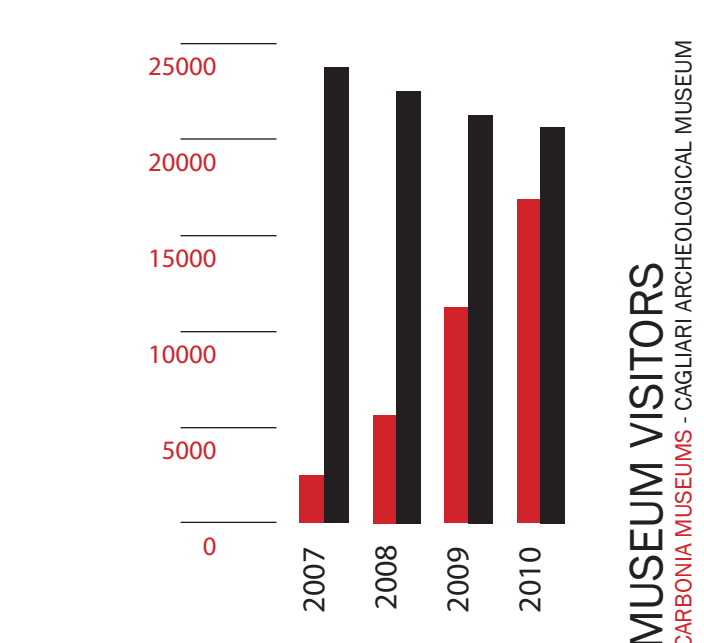
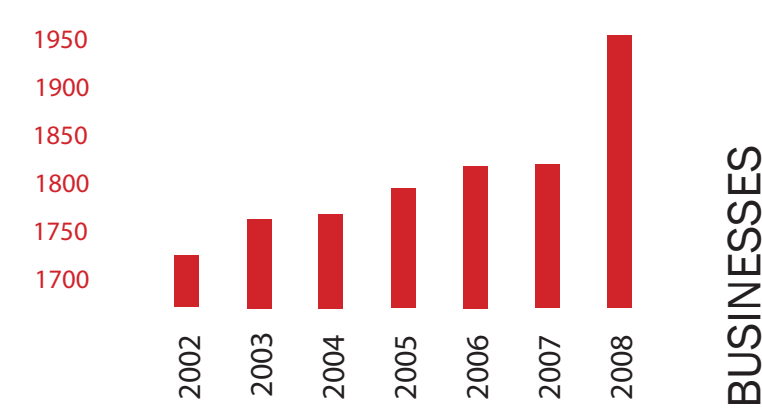
Location of the CICC (Italian Center of the Culture of Coal) and PAS Paleontological Museum in one of the restored buildings of the Serbariu mine

LIVING LANDSCAPE MUSEUM

Creation of an open-air museum, the CIAM (Carbonia's Itineraries of Modern Architecture)

PUBLIC ARTS PROGRAM

Works by contemporary artists (Pomodoro, Staccioli, Campus, Sciola) installed in Carbonia's public space



SELECT CHRONOLOGY

2001-2007
 RESTORATION OF THE GREAT SERBARIU MINE
 Museum structures
 Research and training center
 Library and archives
 Conference center

2001-2006
 ROSMARINO URBAN PARK

2002-2004
 INTEGRATED PLAN FOR PIAZZA ROMA
 Rehabilitation of central square - Piazza Roma
 Restoration of the public buildings on the square ("after work center," tower, theater, city hall)

2002-2006
 VILLA SULCIS URBAN PARK
 Museum structure
 Restoration Center

2002-2007
 CANNAS DI SOTTO URBAN-ARCHEOLOGICAL PARK
 Museum structure

2002-2005
 INTEGRATED PROGRAM FOR BACU ABIS
 Implementation plan - historic center

2003
 ROSMARINO NEIGHBORHOOD CONTRACT
 Implementation plan - historic public housing

2003-2006
 CITY PLAN

2005
 INTERMODAL TRANSPORTATION CENTER
 Master Plan
 Architecture project

2005-2007
 QUALITY PROJECT
 Carbonia 20th Century City (P.O.R. Sardegna 2000-2006 Asse V "Città" - Measure 5.1 "Urban Area" - FAS "Reserve for Urban Areas").
 Material actions:
 • Rehabilitation of green belt
 • Restoration Torneria
 • Restoration workers' hotel
 • Modernism itineraries
 Immaterial actions:
 • International Masters Program in Restoration and Preservation of Modern Architecture
 • Laboratory for architectural and urban quality
 • C.E.G.I. Youth Center
 • C.I.A.M. Carbonia itinerari architettura moderna

A motor for the transformation of Carbonia's natural, urban and cultural landscape that today faces its regained present. Today, the city's future can again become what it was in the past.



pLanning
 A
 regeNeration
 D
 S
 Culture
 A
 develoPment
 E