Project Factsheet *(maximum 1 page per project)*

	Cortical Visual Neuroprosthesis fort he Blind
ACRONYM	CORTIVIS
COORDINATOR	Dr. Eduardo FERNANDEZ, BIOENGINEERING INSTITUTE, University Miguel Hernández, Avda. Universidad s/n, 03202 Elche (Alicante), Spain, Telephone number +34 965222001, e-mail: e.fernandez@umh.es
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START DATE/END DATE	01/01/2002 – 30/04/2005
FUNDING INSTRUMENT	EC5 Framework Programme; RTD Project
KEY WORDS	Retina, Visual Information Processing, Neuroprosthesis, Intracortical Microstimulation, Blind
SUMMARY	This project aims to develop prototypes in the field of visual rehabilitation and to demonstrate the feasibility of a cortical neuroprosthesis, interfaced with the visual cortex, as a means through which a limited but useful visual sense may be restored to profoundly blind people. While the full restoration of vision seems to be impossible, the discrimination of shape and location of objects could allow blind subjects to 'navigate' in a familiar environment and to read enlarged text, resulting in a substantial improvement in the standard of living of blind and visually impaired persons.
PARTICIPANTS	Dr. Joseph Ammermüller, University of Oldenburg, Germany; Dr. Peter Ahnelt, University of Vienna, Austria; Dr. Borg-Graham, CNRS, Paris, France; Dr. Francisco Pelyo, University of Granada, Spain; Dr. Pierre Rabischong, University of Montpellier, France; Francisco García, Biomedical Technologies, Spain; Dr. Mosises Piedade, Instituto de Engenharia de Sistemas e Computadores, Lisbon, Portugal.
BUDGET	2,256,710 (3 years)
PROJECT WEB-SITE	http://cortivis.umh.es