

SECURITY

CSOSG, Breeding Ground for French Homeland Security

► France's Agence Nationale pour la Recherche (ANR) has just launched a third French domestic security research and technologies program under the acronym CSOSG.

Backed by the French armaments board **Delegation Generale pour l'Armement (DGA)** and the **Direction Generale de la Police Nationale**, the 2008 version of the **Concepts, Systemes et Outils pour la Securite Globale (CSOSG)** program, launched at the end of January, works along the same research lines as the 2007 version (see graph below) and enjoys the same budget of roughly EUR 11 million for a dozen projects. However, it will make more room for small and medium sized companies and universities to prepare them for future European calls for bids.

Launched in 2006 by an inter-ministerial think tank concerning security research and technologies at the **Secretariat General**

de la Defense Nationale (SGDN) the annual CSOSG program aims to lay the groundwork for a French industrial and university research community working in the field of homeland security. It would combine heavyweights in the sector such as **Thales, Sagem** and **EADS** with smaller firms and university labs. The CSOSG is preparing France's bid for the European security research program (worth EUR 150 million in 2007). The initiative seems to have borne fruit because France was in the front ranks of countries participating in last year's program, grabbing 13% of contracts (worth EUR 21 million) ahead of the United Kingdom and Germany.

The official representative of French players in the field on the European level is **Claude Ayache**, director of European affairs at the **Commissariat a l'Energie Atomique (CEA)**. The CEA's labs (LETI, LIST, LITEN) were involved in half of CSOSG's 2007 programs.

► Players in France's "Concepts, Systemes et Outils pour la Securite Globale" Program



The 13 CSOSG Projects for 2007 (research began in January, 2008)

Protection of persons

Surveillance

Kivaou € 1.1 m
Video analysis: identification and indexation of faces in a crowd, video cross checking and itineraries.
■ Sagem Defense Securite, Electronic Vision Technologies, Alliance of telecommunications schools, Facing-IT

Tocha € 1 m
Tags for tracking goods, vehicles and people
■ Deveryware (localization), Photospace, CEA

Video-ID € 0.9 m
Intelligent video-surveillance system
■ Thales Security Systems, Inria, Paris X

Detection of dangerous materials

Bingo € 0.7 m
Portable equipment to detect dangerous materials in packages, combining an X ray and neutrons generator.
■ EADS Sodern (neutrons generators), Photonis (detection of neutrons), Reflex CES (embedded systems), CNRS Limsi

Spiders € 1.4 m
Portable machine for rapid inspection of objects.
■ Thales, CEA Leti, Cybernetix, D-Lightsys

Biocom € 0.9 m
Detection of pathogenic agents in water
■ Lheritier (imagery), Eau de Paris, W-Smart

Infrastructure Security

SmartFence € 0.7 m
Surveillance of sensitive site perimeter by optical fibre system equipped with intrusion sensors.
■ CEA (Laboratoire d'integration des systemes et technologies - LIST), Acome (optical fibers), DCNS, RTE (EDF)

Coregi € 0.4 m
Tools to improve resistance of buildings.
■ Armines (research centers), SNCF, EDF

Border Security

ScanMaris € 0.8 m
Surveillance system for maritime boundaries, merchandise and its destination.
■ DCNS, Sofresud (measuring instruments), Onera, Direction des affaires maritimes

Crisis Management

Vipere € 0.9 m
Radar system to find people buried under avalanches, earthquakes or held hostage, etc.
■ Martec (electronics), Cisteme (radars), Europeenne de Telecommunications, Limoges University, CEA, INSA

Sagece € 1.3 m
Interactive simulation of crisis management.
■ Sogitech (simulators), CEA, EADS, Areva

Cocpit € 0.6 m
Headset for field video communication.
■ MSA Gallet (headset), CCI Paris, CEA Leti

Computer Forensics

RIC € 0.6 m
Software to discover hidden information in images, sounds and videos on the Internet.
■ Universite de Troyes, Gendarmerie, Police nationale, Thales Communications

■ : Project's coordinating structure

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