

Artemis JU (Joint Undertaking)

Subject and Objective	<p>Draft working programme 2010 Embedded systems ASP2-Healthcare systems Development and deployment of advances in embedded systems technology:</p> <ul style="list-style-type: none"> ✓ Communicating sensors and actuators ✓ Improvements in genetic, molecular and imaging equipment for diagnostics, including algorithms, equipment and infra-structure for massive image processing and simulation to support combination of images from different modalities (CT, ultra sound, MRI, X-Ray) and comparison or fusion of images with physiological models (e.g. from heart, brain ...) ✓ Telemedicine including tele-monitoring and tele-surgery ✓ Facilities for diagnostic and epidemiological analysis ✓ Remote management of implanted drug delivery ✓ Multi-modal interaction technologies (speech, vision and gestures) supporting navigation and decision making for diagnostic and (minimal invasive) surgery
Others specifications	All projects are expected to have a strong application focus in order to present a realistic context for industrially relevant, short to medium term research and technology development.
Duration	Maximum 3 years
Consortiums	At least 3 non-affiliated legal entities established in at least 3 ARTEMIS Member States. On average, consortiums are composed from 6 to 15 partners.
Countries concerned	Austria, Belgium, Cyprus, Czech Republic, Denmark, Spain, Estonia, Finland, France, Germany, Greece, Ireland, Italy, Hungary, Latvia, the Netherlands, Norway, Portugal, Romania, Slovenia, Sweden and the United Kingdom
Funding	National funding: please consult the guide of applicants for more information



