

Annex to NEM SRA v7: List of identified priorities for international cooperation in the NEM field between Europe and third countries

In the following table, a brief summary of the main R&D themes within the NEM field in which international cooperation should be strengthened is provided. This table and the R&D themes identified for each Region are the result of the cooperation set up during 2008 and 2009 between the NEM technology platform through its GlobalNEM Activity, and several projects and institutions fostering International cooperation in these Regions, such as (among others):

- Project SALA+ for some countries in Latin America, focused on networked media technologies.
- Projects EuroAfrica-ICT and IST-Africa for some countries in Africa.
- Projects like INCITE or Euro-India ICT Cooperation and institutions such as ITSMA and the India Institute of Technology for India.
- Project COJAK for Korea and Japan.
- Project SEACOOOP for South-Asia.
- Other.

The selected criteria have been based on limited surveys conducted at the time of workshops of the above projects in order to rank the three most relevant R&D themes per Region, based on the already available NEM Strategic Research Agenda technology topics. More details on the constraints at each Region for the selection of the priorities and other details are available in the GlobalNEM International Cooperation position paper. This list has to be considered a generic identification of cooperative research priorities, but should not be interpreted as an exclusive list.

Country	R&D Theme
Africa Sub-Saharan	Security, Trust & privacy Automatic semantic annotation Human language technologies
Belarus*	Tools for content creation and manipulation Location Identity management and AAA
Brazil	User satisfaction and quality of experience Tools for content creation and manipulation Rights management
China	Security privacy and trust in content exchange Middleware Advanced media codec algorithms, chip sets and terminals
India	Virtual reality

	Federated services Middleware
Japan	Authentic, true-to-original media reproduction (including Multimedia mining) Home and extended home networks Virtual reality
Korea*	Middleware Power management technologies – energy saving Security, privacy and trust
Latin America	Social networking and media sharing Home and extended home networks Security privacy and trust
Russia*	Quality of service Representation of content New forms of content
Taiwan	Value web Contextual awareness Intelligent delivery (device development)
USA	Network architecture Tools for content creation and manipulation Security privacy and trust

** Still not defined concrete R&D themes coherent with NEM SRA v7 although according to initial analysis some areas have been preliminary identified.*

Other regions that are under consideration for further updates are: Mediterranean Area, New Zealand and South-Asia.