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6th EuroAfrica-ICT Concertation Meeting

10 December 2008

Brussels

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Content

- 8th EU-AU Partnership
- Work programmes 2007-2008: statistics and type of relevant activities
- Work programme 2009: ongoing activities (ongoing open calls)
- Overall number of specific activities with Africa
- Work programme 2010: special call Africa linked to the early deliverable « Water and Food Security in Africa»

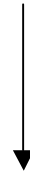


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Africa-EU Strategic Partnership on Science, Information Society and Space

S&T Priority Action



Support S&T Capacity Building in
Africa and Implement Africa's Science
and Technology Consolidated Plan of
Action (CPA)



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The Book - "Lighthouse Projects"

- Prepared by the Human Resource S&T Department of the African Union Commission.
- Structured according to the 8th Africa-EU Partnership of the 1st Action Plan (2008-2010)
- Presents 3 groups of projects (for a total of 19 projects), identified and designed in order to contribute to the achievement of the 3 Priority Actions included in the Partnership:
 - Support the development of an inclusive information society in Africa (5 projects).
 - Support Science and Technology (S&T) capacity building in Africa and implement Africa's Science and Technology Consolidated Plan of Action – CPA (12 projects).
 - Enhance cooperation on Space applications and technology (2 projects)



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List of S&T lighthouse projects

Section 1: African Research Grants; Project:

- Capacity Building: EU-AU Africa research grants

Section 2: Popularization of S&T; Project:

- Popularization of science and technology and promotion of public participation

Section 3: Capacity building in S&T - African level; Projects:

- Development of a Common African Union S&T Policy Framework
- S&T for the development of African SMEs and support business incubator networks
- Securing and Using Africa's Indigenous and Traditional Knowledge
- Pan African intellectual Propriety Organization (PAIPO)
- African Observatory of Science, Technology, and Innovation and Policy Development

Section 4: Capacity building - Thematic level; Projects:

- Water and food security in Africa
- Building Africa's Scientific and Institutional Capacity (BASIC) in Agriculture and natural Resource Management
- Harnessing Biotechnology for the Advancement of African Agriculture
- African Pole of Excellence on Desertification and Forestry
- African Union Initiative on Climate Change (African Institute on Climate Change-AICC)



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Early deliverables (to be launched in 2009)

- EU-AU Africa research grants
(supported by 10th EDF)
- Water and food security in Africa
(supported by FP7)



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FP7 cooperation between EU and Africa in 2007

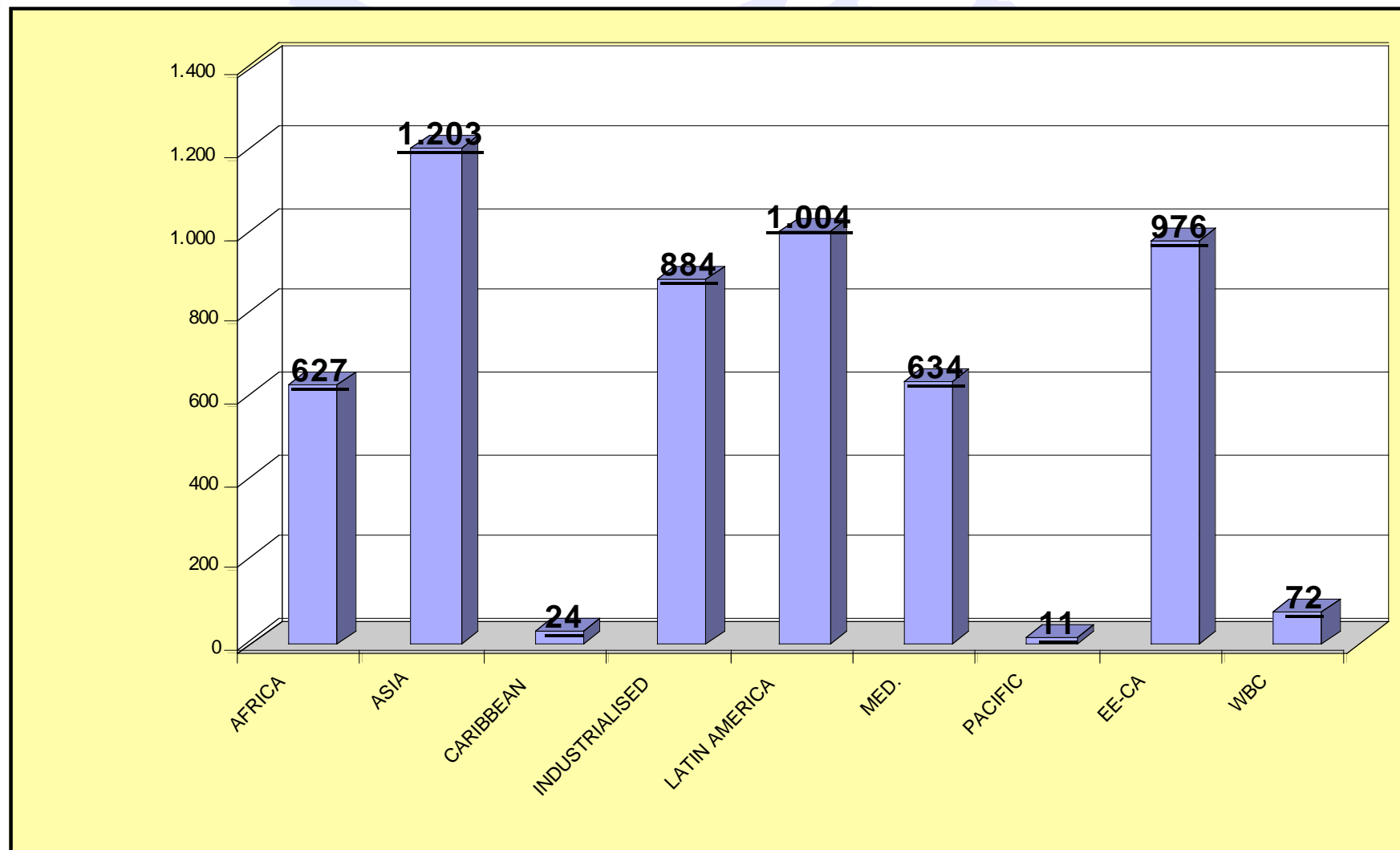


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2007 - COOPERATION / all thematic areas

5435 THIRD COUNTRY APPLICATIONS (in proposals submitted)

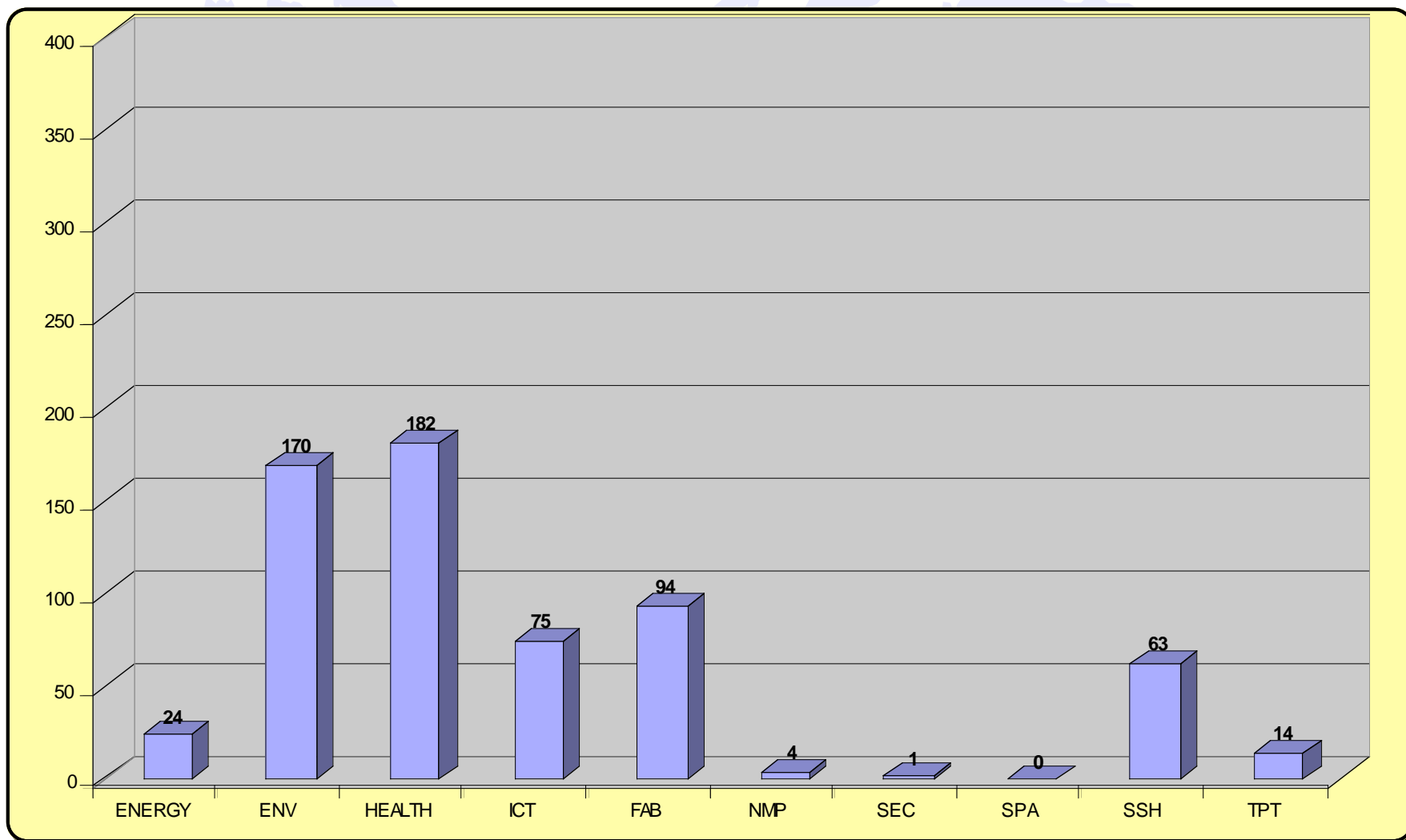




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Thematic distribution of African applicants /sub-sahara Africa) : 627 (in submitted proposals)



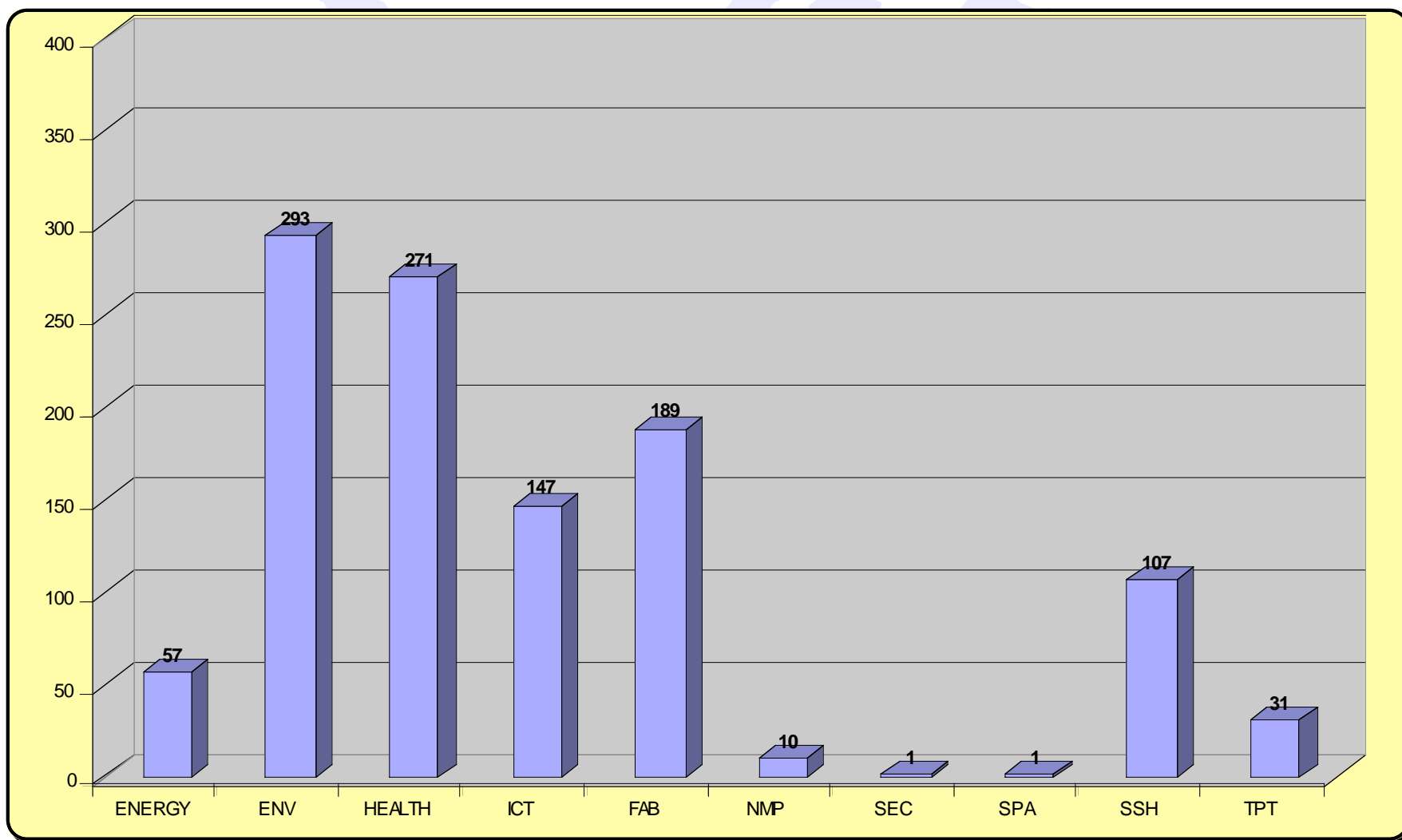


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2007 - COOPERATION / all thematic areas

ALL AFRICA (including MPCs - North Africa): 1107 APPLICATIONS (in proposals submitted)

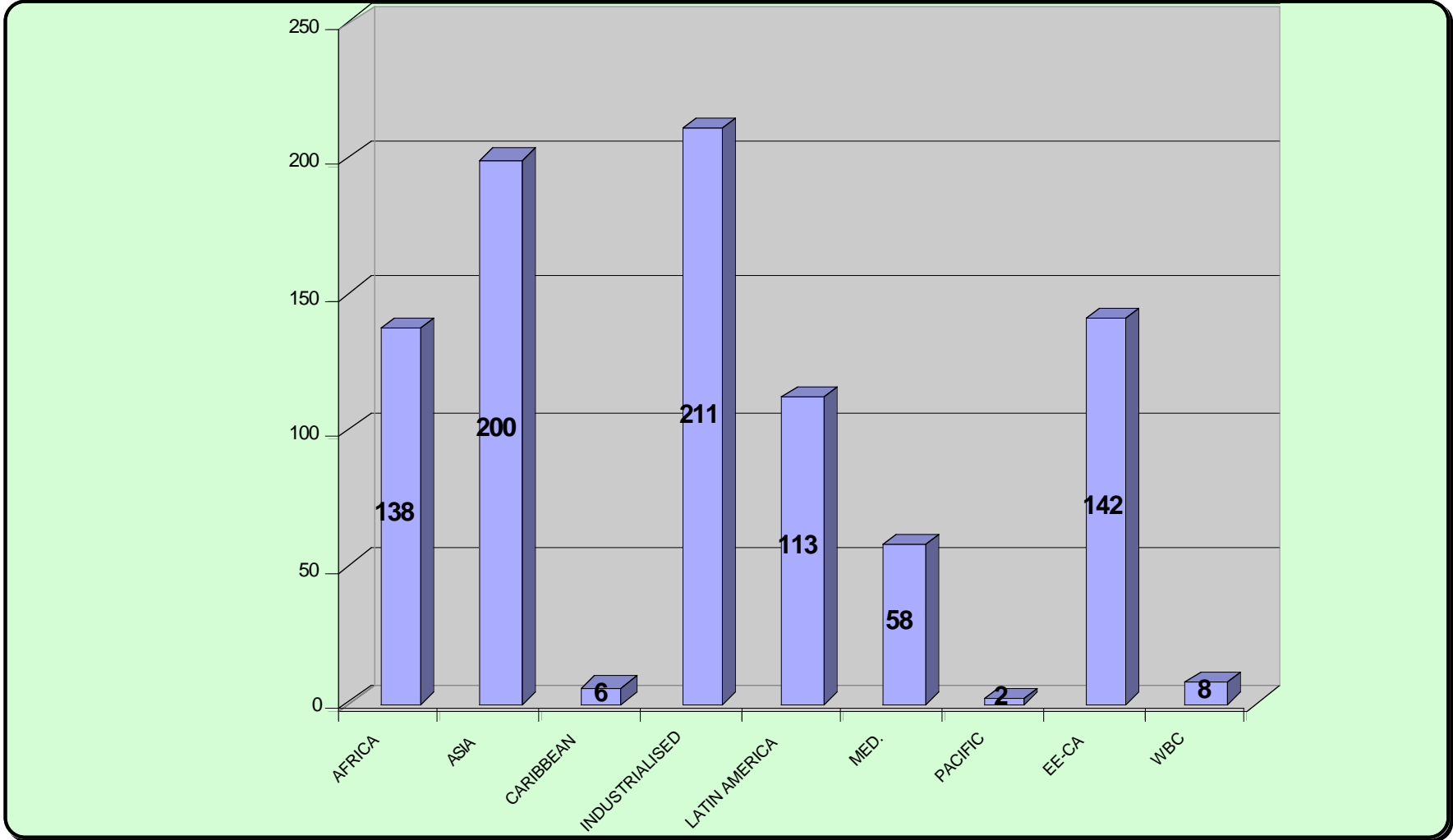




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2007 / COOPERATION / ALL THEMATIC AREAS
878 THIRD COUNTRY APPLICATIONS MAIN LISTED

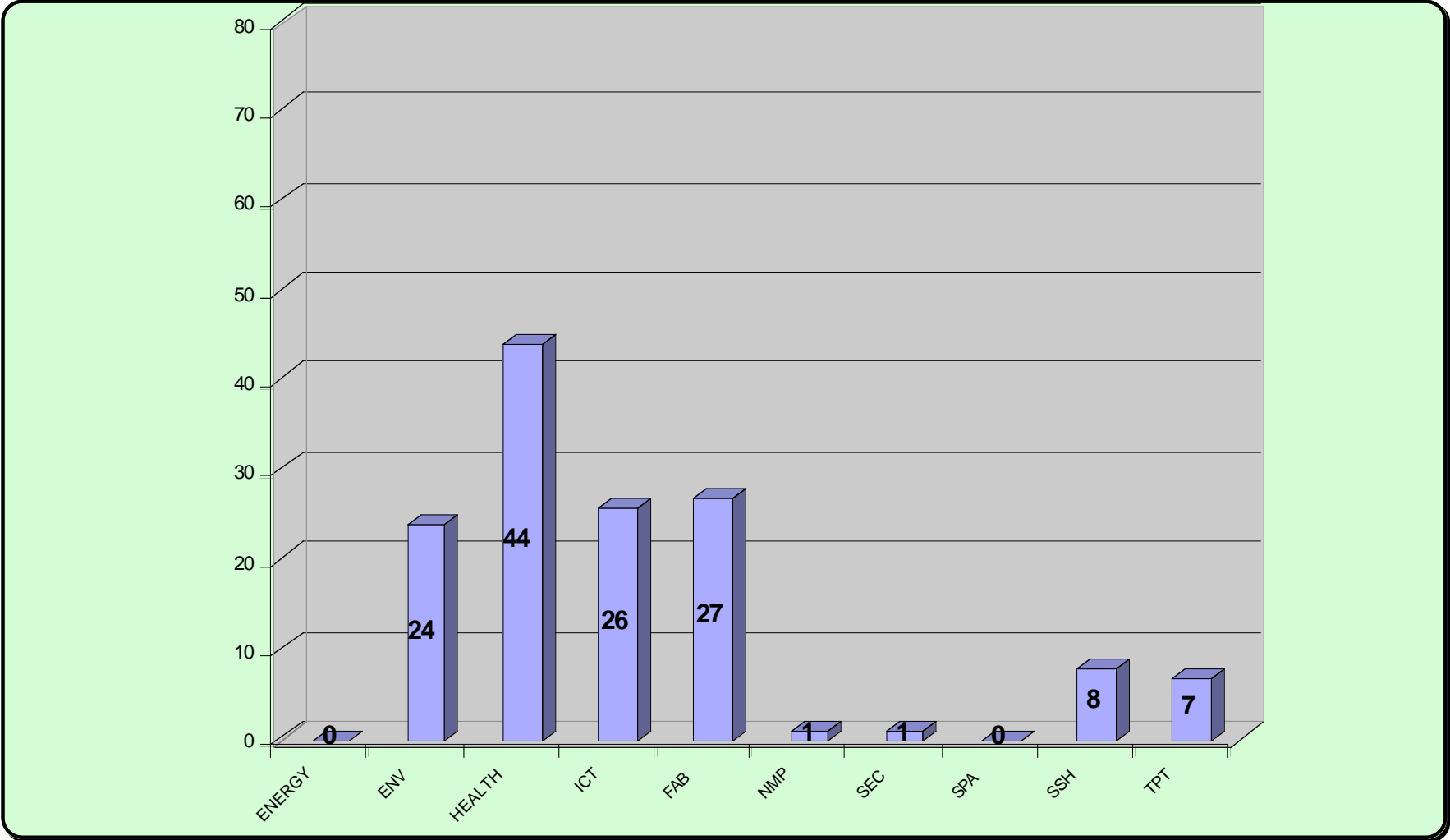




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COOPERATION / ALL THEMATIC AREAS
AFRICA (sub-sahara) :138 APPLICATIONS MAIN LISTED



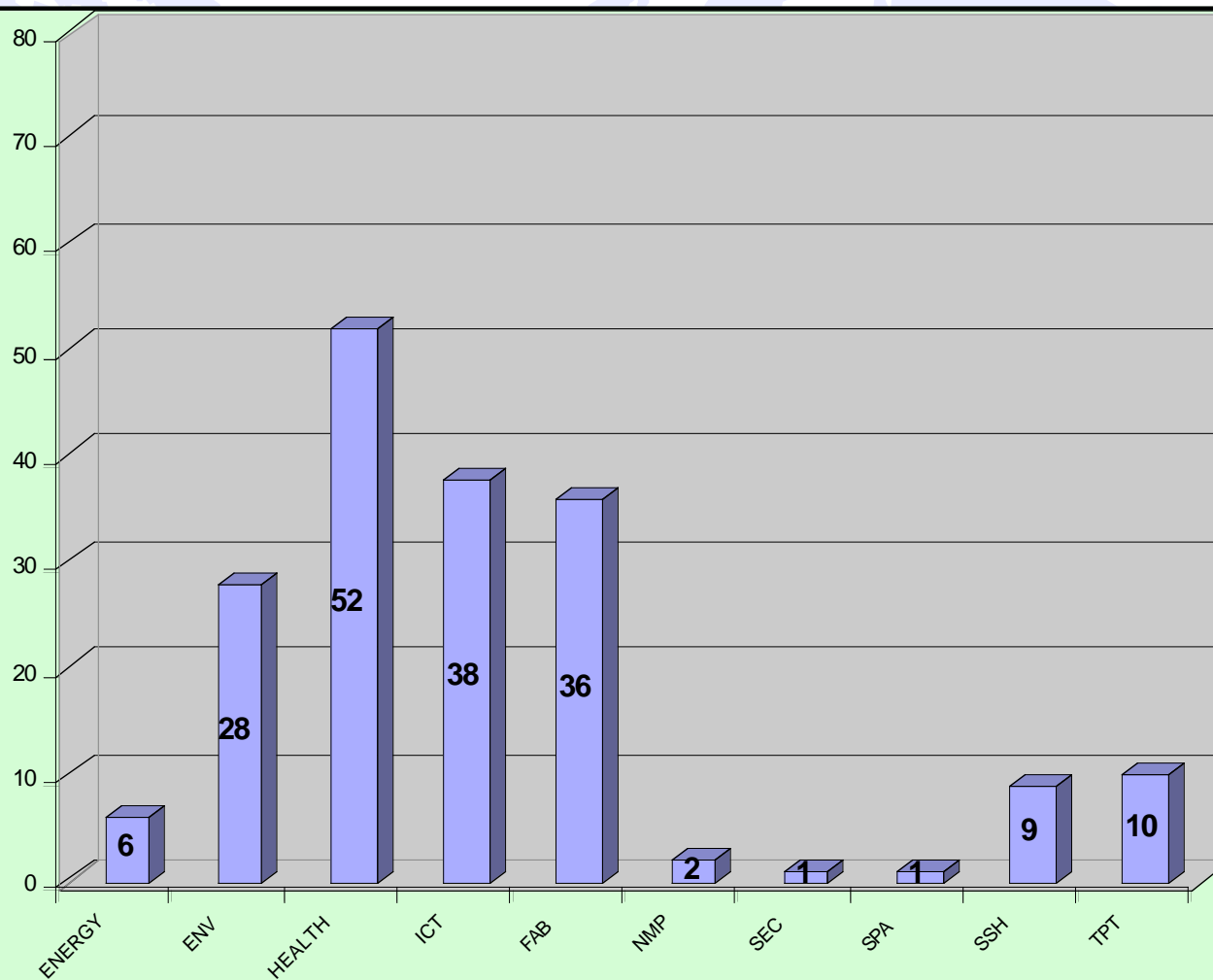


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COOPERATION / ALL THEMATIC AREAS

ALL AFRICA (including MPCs – North Africa) :183 APPLICATIONS MAIN LISTED





International activities for Africa WP07 - WP09

Theme	2007	2008	2009
HEALTH	<p>SICAs:</p> <ul style="list-style-type: none"> HIV/AIDS, malaria, tuberculosis and neglected infectious diseases (<i>Africa</i>) Development of a Leishmania vaccine (<i>Africa</i>) Access to health care and health financing (<i>ACP/MPC</i>) Health Care research (<i>ACP/MPC</i>) 		<p>SICAs:</p> <ul style="list-style-type: none"> HIV, malaria, TB and Neglected Infectious Diseases (<i>Africa</i>) Access to medicines (<i>Africa</i>) Disease Surveillance and Health Systems Response (<i>MPC</i>)
FAB	<p>SICAs:</p> <ul style="list-style-type: none"> Abiotic stress (<i>MPC</i>) <p>Targeted Opening:</p> <ul style="list-style-type: none"> Agricultural Research (<i>MPC</i>) African Swine Fever (<i>Africa</i>) Emerging vector-borne diseases (<i>West Nile, Rift Valley, Crimean-Congo</i>) Sustainable agriculture, forestry and rural development (<i>MPC</i>) Fisheries and aquaculture of bluefin tuna (<i>MPC</i>) 	<p>SICAs:</p> <ul style="list-style-type: none"> Agro-forestry systems for sustainable farming Obesity prevention (<i>MPC</i>) Energy crops for biofuel production Plant-produced Vaccines (<i>SA</i>) <p>Targeted Opening:</p> <ul style="list-style-type: none"> Integrated bio-refineries (<i>SA</i>) Third Countries National Information Points 	<p>SICAs:</p> <ul style="list-style-type: none"> Farm animal biodiversity (<i>Africa</i>) Water saving for agriculture (<i>MPC</i>) Conservation Agriculture techniques (<i>Africa</i>) Sustainable agriculture, forestry and rural development (<i>MPC</i>) Agricultural Innovation Systems (<i>ACP+SA</i>) Globalisation and trade impact (<i>ACP+SA</i>) Aquaculture (<i>MPC</i>) Sustainable crop for biomaterials and biofuels (<i>Africa</i>) Biomass and bioproducts (<i>Africa</i>) <p>Targeted Opening:</p> <ul style="list-style-type: none"> Diseases caused by Orbiviruses/African horse sickness, bluetongue/epizootic haemorrhagic disease (<i>Africa</i>)
ENERGY	<p>SICAs:</p> <ul style="list-style-type: none"> CSP for water desalination (<i>MPC</i>) 	<p>SICAs:</p> <ul style="list-style-type: none"> Concentration photovoltaics (<i>MPC</i>) Environmental profile of the CSP installations (<i>MPC</i>) 	<p>Targeted Opening:</p> <ul style="list-style-type: none"> Energy infrastructure networks (<i>MPC</i>) Biorefineries



International activities for Africa WP07 - WP09

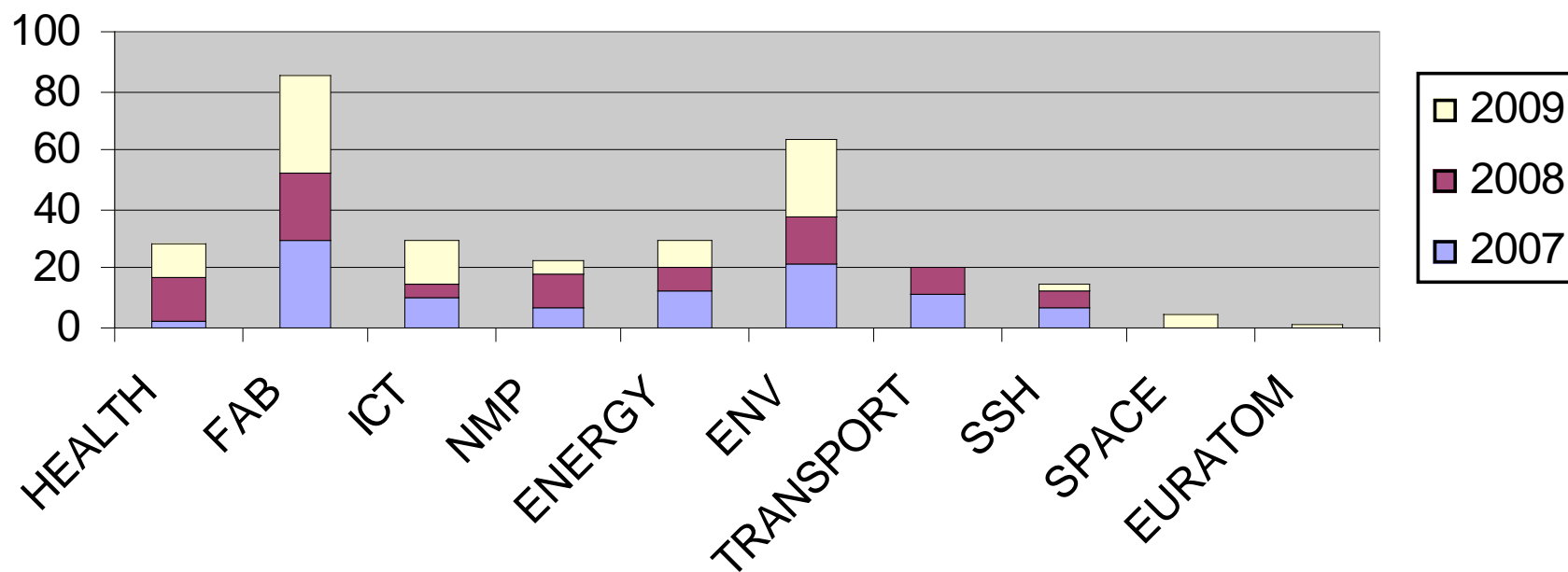
Theme	2007	2008	2009
ENV	<p>SICAs:</p> <ul style="list-style-type: none"> •Georesource information system (<i>Africa</i>) 	<p>Targeted Opening:</p> <ul style="list-style-type: none"> •Evaluation of earthquake hazards (<i>MPC</i>) •Climate change impacts (damage assessment, monitoring and adaptation) (<i>MPC</i>) 	<p>SICAs:</p> <ul style="list-style-type: none"> •Climate change (<i>Sub-Saharan Africa</i>) •Climate induced changes in water resources (<i>MPC</i>) •Impacts of climate and water on health (<i>Low income countries</i>) •Desertification and land degradation (<i>Africa</i>) •Coastal Zone Management (<i>MPC</i>) •Sustainable nationwide and local waste processing industry (<i>ACP</i>) •Earth observation/mineral resources (<i>Africa</i>) <p>Targeted Opening:</p> <ul style="list-style-type: none"> •Wild fires (climate and social changes) (<i>MPC</i>) •Cultural heritage (<i>MPC</i>) •Biodiversity (<i>Africa</i>)
TPT	<p>Targeted Opening:</p> <ul style="list-style-type: none"> •End of life for Vehicles/vessels and infrastructures (<i>SA</i>) •Vehicle/vessels and infrastructure for freight transport (<i>MPC</i>) •Passenger public transport (<i>ACP</i>) 	<p>SICAs:</p> <ul style="list-style-type: none"> •Large event mobility management (<i>SA</i>) •Road safety (<i>SA</i>) •Alternative fuels research (<i>SA</i>) 	
SSH	<p>Targeted Opening:</p> <ul style="list-style-type: none"> •Europe seen from outside (<i>Africa</i>) 		<p>SICAs:</p> <ul style="list-style-type: none"> •Climate induced changes in water resources (<i>MPC</i>) •Cities and sustainable development (<i>Africa</i>)
NMP			<p>SICA</p> <ul style="list-style-type: none"> •Applications in the environmental sector: water (<i>MPCs and Africa</i>)
SPACE			<p>Targeted Opening:</p> <ul style="list-style-type: none"> •GMES downstream services (<i>Africa</i>) •Space-based applications (<i>Africa</i>) •Integration of SatCom/SatNav with GMES (<i>Africa</i>)



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Distribution of the whole international activities in WPs 2007-2008-2009

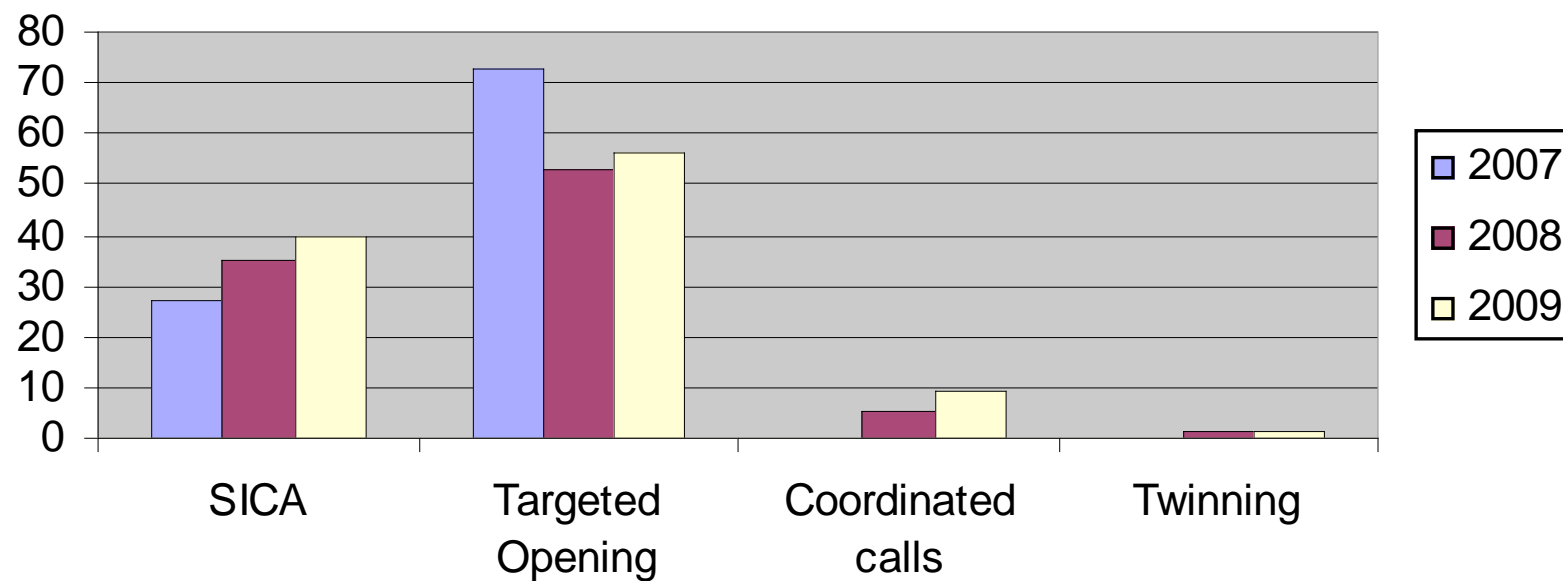




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Main distribution of FP7 instruments for international cooperation

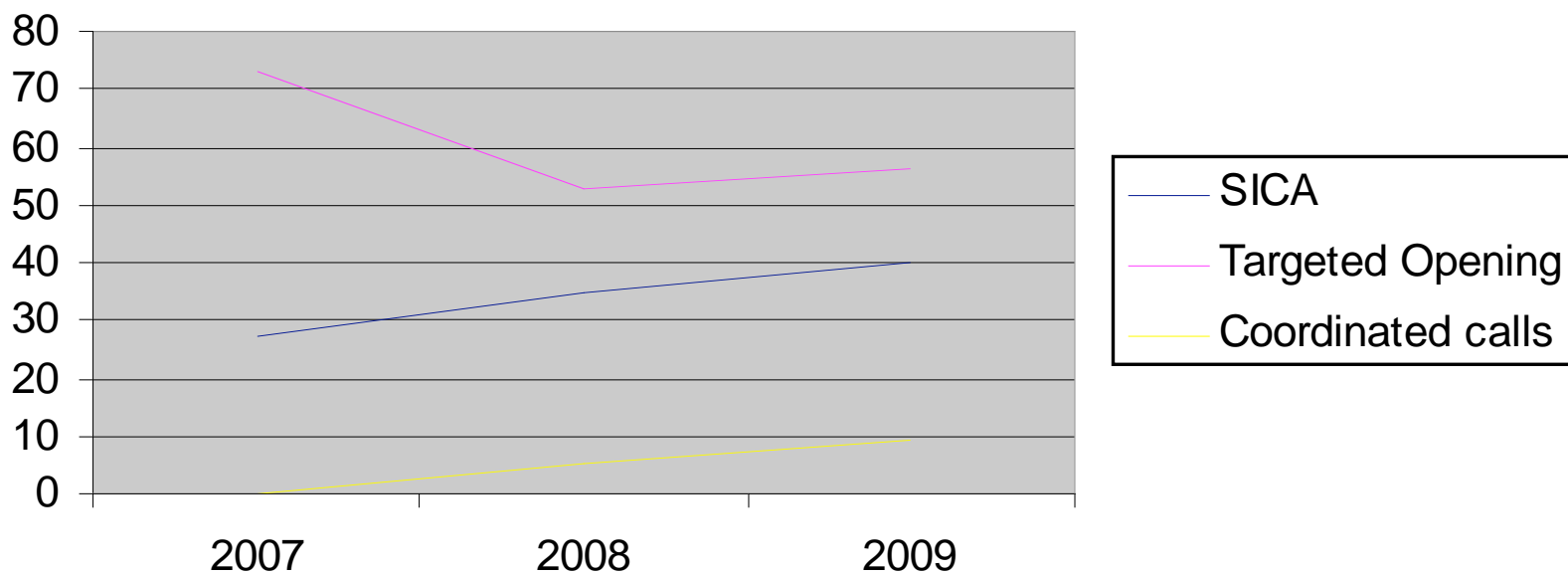




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Distribution of SICAs, Targeted Opening and Coordinated Calls in WPs 2007-2008-2009

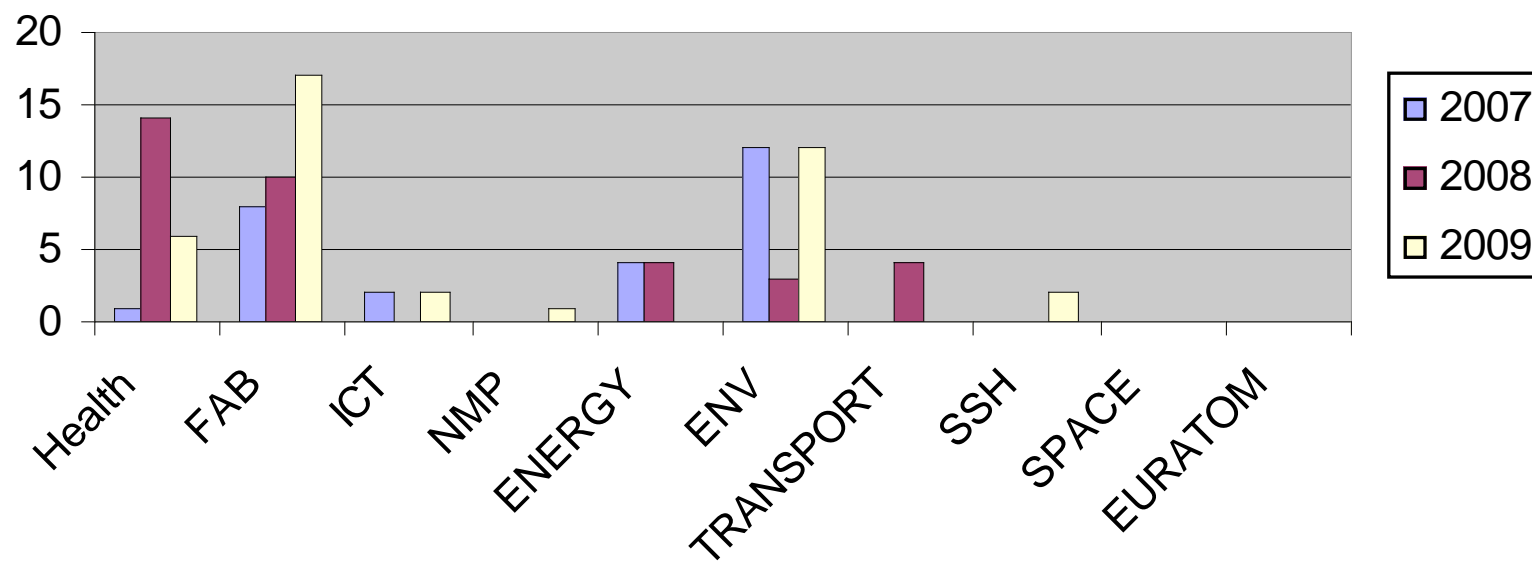




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Distribution of SICAs in FP7 Thematic Priorities (WPs 2007-2008-2009)

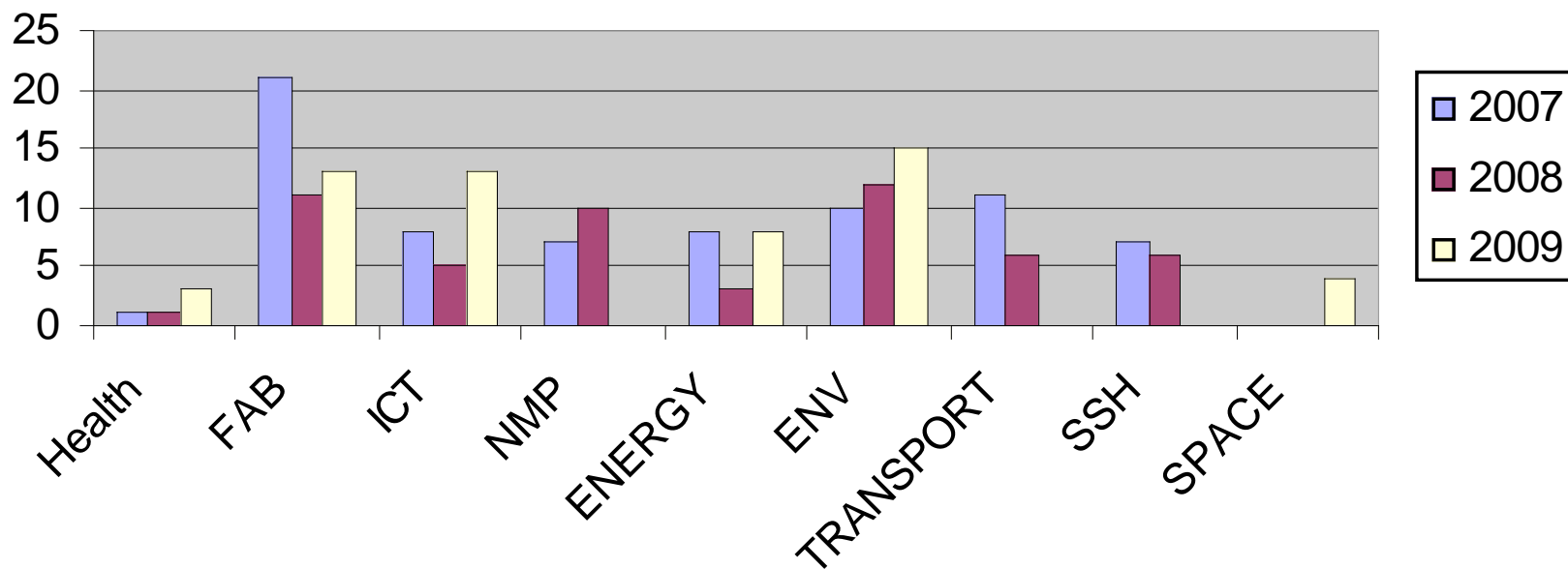




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Distribution of Targeted Opening in FP7 Thematic Priorities (WPs 2007-2008-2009)





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Work Programme 2010 *(publication 2009)*

- Special call Africa
- Ongoing activities:
 - identification of knowledge gaps
 - identification of possible topics
 - definition of mechanisms for the integration of Thematic Priorities
- Interlinkage Water and Food Security
- Basin scale: one or more basins
- Integration through upscaling mechanisms (farmer to catchment/basin scale)
- Tools: SICAs