The European Union's Seventh Framework Programme (FP7)

Opportunities for Socio-Economic Sciences and the Humanities (SSH), Science in Society (SiS)

General information and possible topics for 2013
NCP Road show events: May-July 2012

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Overview of this presentation

- General introduction to the EUFP7
- Information on the SSH theme
- Information on the SiS theme
- Information on SSH-related topics in other themes
- Hints for people who are interested in responding to opportunities under FP7
- Where to find further information

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What is the EU FP7?

- The Seventh Framework Programme (FP) for Research and Technological Development of the European Union (EU)

- Framework Programmes (FPs)

  - Since 1984
  - Main financial tools for EU support for R&D activities
  - Require research collaboration amongst member states and associated countries
  - Cover almost all scientific disciplines
  - Intended to respond to Europe's needs: Jobs, competitiveness, maintaining leadership in the global knowledge economy
  - Activities funded must have a "European added value"

    - FP7
      - Seven years, from 2007 to 2013
      - Total budget: Over € 50 million
      - Countries outside Europe may participate fully on condition that certain criteria have been met

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How this works

- All member countries contribute to pool of funds
- A consultative, bureaucratic process to identify the themes and priority areas
- Themes are approved by European Parliament and will remain the same for seven years
- Annual calls for proposals: Work programmes
  - *Detailed topic descriptions constitute the text to which proposals must respond*
- Proposals must be prepared by international consortia
  - *Specific eligibility criteria to ensure inter-European collaboration*
  - *"Third countries" (e.g. South Africa) may participate once minimum criteria have been met*

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FP7 Structure and funding

COOPERATION €32 413m 10 Thematic areas	IDEAS €7 510m	PEOPLE €4 750m	CAPACITIES € 4 097m
Health 6 100m	Supporting, investigator-driven research projects carried out across all fields	Strengthening the human potential in research and technology in Europe	**Research Infrastructures** 1 715m
Food 1 935m			
ICT 9 050m		**Initial Training of Researchers**	**Research for the benefits of SMEs** 1 336m
NMP 3 457m			
Energy 2 350m		**Life-long training & Career Development**	**Regions of Knowledge** 126m
Environment 1 890m			
Transport 4 160m		**Industry-academia pathways**	**Research Potential** 340m
Socio Economic Sciences and Humanities 623m	±2% of "Cooperation" budget		**Science in Society** 330m
Space 1 430m		**International Dimension**	
Security 1 400M€		**Specific support action**	**International Coop** 180m

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Information on "Cooperation" Theme 8:

Socio-economic sciences and the humanities (SSH)

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Socio-economic Sciences and the Humanities (SSH)

One of ten programmes in FP7 under the broad category *"Cooperation"*

Also a cross-cutting programme: The nine other programmes all address issues relevant to SSH

EU Objective: *"To contribute to an in-depth, shared understanding of the complex and interrelated socio-economic challenges Europe is confronted with"*
http://cordis.europa.eu/fp7/cooperation/socio-economic_en.html

Research intended to be policy and socially relevant: *Able to inform policy and public debate; to identify and examine key issues and options – while not being driven by short- term policy priorities.*
http://ec.europa.eu/research/social-sciences/pdf/roadmap-2011-2013-final_en.pdf

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SSH relevance to South Africa

- In South Africa: National priorities, National Development Plan, NSI objectives (White Paper on Science and Technology); National Innovation Plan (Human and Social Dynamics in Development), ASSAf study; DHET consensus study …

- SSH priorities overlap with our own – employment creation, economic growth, social cohesion …

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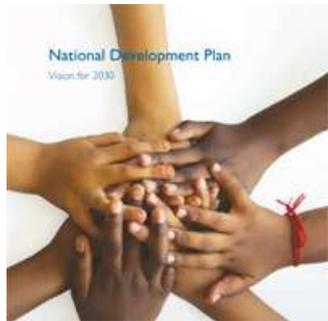
SSH Indicative Budget and Funding Schemes

- Total amount available
  - *More than € 610 million for SSH over duration of FP7 (2007-2013)*
  - *2013 call (will be launched July 2012): ± € 90 million*

- Funding schemes ("types of project")
  - *Collaborative research projects:*
    - *Large-scale integrating (many partners, huge budgets)*
    - *Small or medium-scale focused (from € 500k per project)*
  - *Coordination and Support Actions (CSA):*
    - *Coordinating*
    - *Supporting*
  - *Also possible: Public Procurement; Expert Groups*

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How to read the Work Programme

Start with Table of Contents

- I Objective and context – important for background

- II Content of calls – the heart of the document
  - Seven big **'activities'** – in place for seven years
  - Several **'areas'** per activity – in place for seven years
  - Detailed **'topic'** descriptions to follow activity headings – this is the specific call to respond to

- III Implementation of calls – summary description and requirements

- IV Other actions – for information

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The Seven SSH Activities (I)

1. Growth, employment and competitiveness in a knowledge society
   - *Innovation, competitiveness and labour market policies*
   - *Education and life-long learning*
   - *Economic structures and productivity*
2. Combining economic, social and environmental objectives in a European perspective
   - *Socio-economic models within Europe and across the world*
   - *Economic and social and cohesion across regions*
   - *Social and economic dimensions of environmental policy*
3. Major trends in society and their implications
   - *Demographic change, reconciling family and work, health and quality of life, youth policies, social exclusion and discrimination*
4. Europe in the world
   - *Trade, migration, poverty, crime, conflict and resolution*

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The Seven SSH Activities (II)

5. The citizen in the European Union
   - *Political participation, citizenship and rights, democracy and accountability, the media, cultural diversity and heritage, religions, attitudes and values*

6. Socio-economic and scientific indicators
   - *The use and value of indicators in policy making at macro and micro levels*

7. Foresight activities
   - *The future implications of global knowledge, migration, ageing, risk and the emerging domains in research and science*

8. Also: Strategic activities, horizontal actions
   - *Emerging and unforeseen policy needs, international cooperation, dissemination of programme activities, strategic studies*

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The next Work Programme

- Likely to be published in July 2012
- Deadline: early (probably February) 2013
- Thematic activity areas already known
- Topic descriptions – being finalised, still confidential
- Call will be published on CORDIS, alert will be placed on ESASTAP website
- Possible topics for inclusion (from "Roadmap" and presentations in public domain)

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Possible topics for 2013 (I)

Activity 8.1: Growth, employment and competitiveness in a knowledge society - European case

1. Overcoming youth unemployment in Europe
2. ERA-NET Plus on the future of the welfare state
3. Impact of ageing societies on tax systems in Europe
4. Economic underpinnings of social innovations - strengthening innovation towards European societal challenges

Activity 8.2: Combining economic, social and environmental objectives in a European perspective: Paths towards sustainable development

1. Social entrepreneurship for innovative societies
2. The role of multinational companies in addressing global societal challenges
3. Prospects for green economy and sustainable lifestyles in
4. Single market, innovation and regional convergence

Activity 8.3: Major trends in society and their implications

1. Social Innovation – empowering people, contributing to welfare and work
2. The gender factor in innovation policies
3. Origins, impact and governance of short term seasonal and circular migration in the EU
4. Development of the Third Sector and its social and economic impact

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Possible topics for 2013 (II)

Activity 8.4: in the world

1. Security and democracy in the neighbourhood: the case of the Caucasus

2. Media in conflicts and peace-building

3. ERA-NET on social sciences with India

4. Facing the transition in the Mediterranean area: empowering the young generation

Activity 8.5: The Citizen in the European Union

1. The multilingual challenge for the citizen: unity in diversity

2. Transmitting and benefiting from cultural heritage in Europe

3. Public/private relationships in public policy making

4. The fight against trafficking in human beings

Activity 8.6: Socio-economic and scientific indicators

1. Mapping data needs on childhood and youth in Europe

Activity 8.7: Foresight activities

1. Post carbon cities in : A long-term outlook

Activity 8.8: Horizontal actions

1. Impact assessment of SSH research in Europe

2. Net4Society NCP network

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Brokerage event: July, Ireland

South African participation

- *A highly competitive programme – 18% to 25% of proposals funded*
- *The best consortia and the best ideas have the best chances of success*
- *South Africa has been doing very well – starting with EUFP6, now also in EUFP7*

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Successful SSH projects (to date)

1. GREEN *Global Re-ordering: Evolution through European Networks, from 2011-03-01, University of Cape Town (UCT)*

2. MERCURY *Multilateralism and the EU in the contemporary global order Research area, from 2009-02-01, University of Pretoria (UP)*

3. FESSUD *Financialisation, economy, society and sustainable development, from 2011-12-01, University of the Witwatersrand (Wits)*

4. NET4SOCIETY *Trans-national co-operation among national contact points for socio-economic sciences and the humanities, from 2008-02-01, Human Sciences Research Council (HSRC)*

5. INGINEUS *Impact of networks, globalisation, and their interaction with EU strategies Research area, from 2009-01-01, HSRC & UP*

6. EU-GRASP *Changing multilateralism: The EU as a global-regional actor in security and peace, from 2009-02-01, Institute for Security Studies (ISS)*

7. CHANCE2SUSTAIN *Urban Chances: City growth and the sustainability challenge, from 2010-04-01, University of KwaZulu-Natal (UKZN)*

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Previous related programmes and funded projects

- ## FP7 (2007-2013)
  - *Programme 8: "Socio-economic sciences and humanities"*
  - *Lists of funded projects under both priorities accessible from ftp://ftp.cordis.europa.eu/pub/fp7/ssh/docs/synopsis_ssh_projects_fp7_low_definition_with_web_links.pdf*

- ## FP6 (2002-2006)
  - *Priority 7: "Citizens and Governance in a Knowledge-Based Society"*
  - *Priority 8: "Scientific Support to Policies"*
  - *Lists of funded projects under both priorities accessible from http://cordis.europa.eu/citizens/projects.htm*

- ## FP5 (1998-2002)
  - *Key Action "Improving the Socio-economic Knowledge Base"*
  - *No significant participation from South African researchers*

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SSH and Horizon 2020

SSH will be cross-cutting in Horizon 2020, which builds on three pillars of

– *SMART Growth: Creating value by basing growth on knowledge*

– *INCLUSIVE Growth: Empowering people in inclusive societies*

– *SUSTAINABLE Growth: Creating a competitive, connected and greener economy*

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Information on

"Capacities" Part 5:

Science in Society (SiS)

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Science in Society (SiS)

- One of seven cross-cutting themes in FP7 under the broad programme *"Capacities"*

- The *Capacities* programme intends to enhance research and innovation capacities throughout Europe and ensure their optimal use.

- EU Objective:
  - *"With a view to building an effective and democratic European knowledge-based society, the aim is to stimulate the harmonious integration of scientific and technological endeavour and associated research policies into European society."* (http://cordis.europa.eu/fp7/sis/)

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SiS Activities to be Funded

- A more dynamic governance of the relationship between science and society
  - *Research on ethics in science and technology*
  - *The reciprocal influence of science and culture*
  - *Conditions for an informed debate on ethics and science*

- Strengthening potential, broadening horizons
  - *Strengthening the role of women in scientific research*
  - *Supporting formal and informal science education in schools as well as through science centres and museums and other relevant means*
  - *Reinforcing links between science education and science careers*

- Science and society communication
  - *Encouraging a European dimension at science events targeting the public*
  - *Science prizes*
  - *Science, policy makers and the media – Research to support better inter-communication*

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SiS Indicative Budget and Funding Schemes

- Total amount available
  - *A total of € 330 million for SiS over duration of FP7 (2007-2013)*
  - *2013 call (will be launched July 2012): estimated € 35-40 million*

- Funding schemes
  - *Collaborative research projects:*
  - *Coordination and Support Actions (CSA):*
    Include large "Mobilisation and Mutual Learning (MML) Action Plans"
  - *Also possible: Public Procurement, Expert Groups; Research for the Benefit of Specific Groups - Civil Society Organisations*
  - *Some topics earmarked for "named beneficiaries"*

- Minimum conditions per funding scheme: Outlined in Work Programme and "Call Fiche"

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The next Work Programme

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Possible topics for 2013

Action Line 1: A more dynamic governance of the science and society relationship

Responsible Research and Innovation in industrial context

Better societal engagement in 'Horizon 2020';

Support for open access strategies and policies in the European Research Area.

Action Line 2: Strengthening potential, broadening horizons

Encouraging a more gender-aware management in research organisations and universities

Raising youth awareness to Responsible Research and Innovation through Science Education

The role of teaching methods in addressing low achievement in the field of mathematics, science and technology (MST)

Mobilisation and Mutual Learning (MML) Action Plans

Involving actors from different sectors (policy makers, industry, civil society, academia, etc.)

coming together to tackle science in society issues related to challenges such as

- Infectious diseases;
- The assessment of sustainable innovation;
- 'Low Carbon' challenge;
- Societal engagement in research and innovation to foster European smart cities and communities;
- Ensuring privacy and freedom in the Internet; and
- Ethics Assessment

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Previous related programmes and funded projects

- ## FP7 (2007-2013)
  - *"Science in Society"*
  - *Lists of funded projects under "Science in Society" accessible from ftp://ftp.cordis.europa.eu/pub/fp7/sis/docs/sis-project-synopses_en.pdf*

- ## FP6 (2002-2006)
  - *"Science and Society"*
  - *Lists of funded projects under "Science and Society" accessible from ftp://ftp.cordis.europa.eu/pub/science-society/docs/overview_society_contracts.pdf*

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SIS.net – for future events

South African participation

- *Several topics more geared towards European requirements*
- *There are definitely topics where international collaboration and South African inputs will add value*
- *Focus on finding the right topic first*

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Successful SIS projects (to date)

1. EUROSIS *Trans-national cooperation among National Contact Points (NCPs) for Science and Society, from 2008-02-01, Human Sciences Research Council*

2. EJOLT *Environmental Justice Organizations, Liabilities and Trade, from 2011-03-15, University of KwaZulu-Natal*

3. NANOCODE *A multistakeholder dialogue providing inputs to implement the European Code of Conduct for Nanosciences & Nanotechnologies (N&N) research , from 2010-01-01, Department of Science and Technology*

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Information on

# SSH-related topics in other themes

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Other themes under FP7

- SiS is described as a "cross-cutter"
- SSH should also be regarded as a "cross-cutter": other themes contain topics requiring inputs, often leadership, from scientists working in the socio-economic sciences and humanities
- Specific examples:
  - Health
  - Food, agriculture, forestry and biotechnology
  - Information and communication technologies
  - Environment (including climate change)
  - Security
  - ICT

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NET4SOCIETY service

http://www.net4society.eu/_media/Opportunities_for_SSH_Researchers.pdf
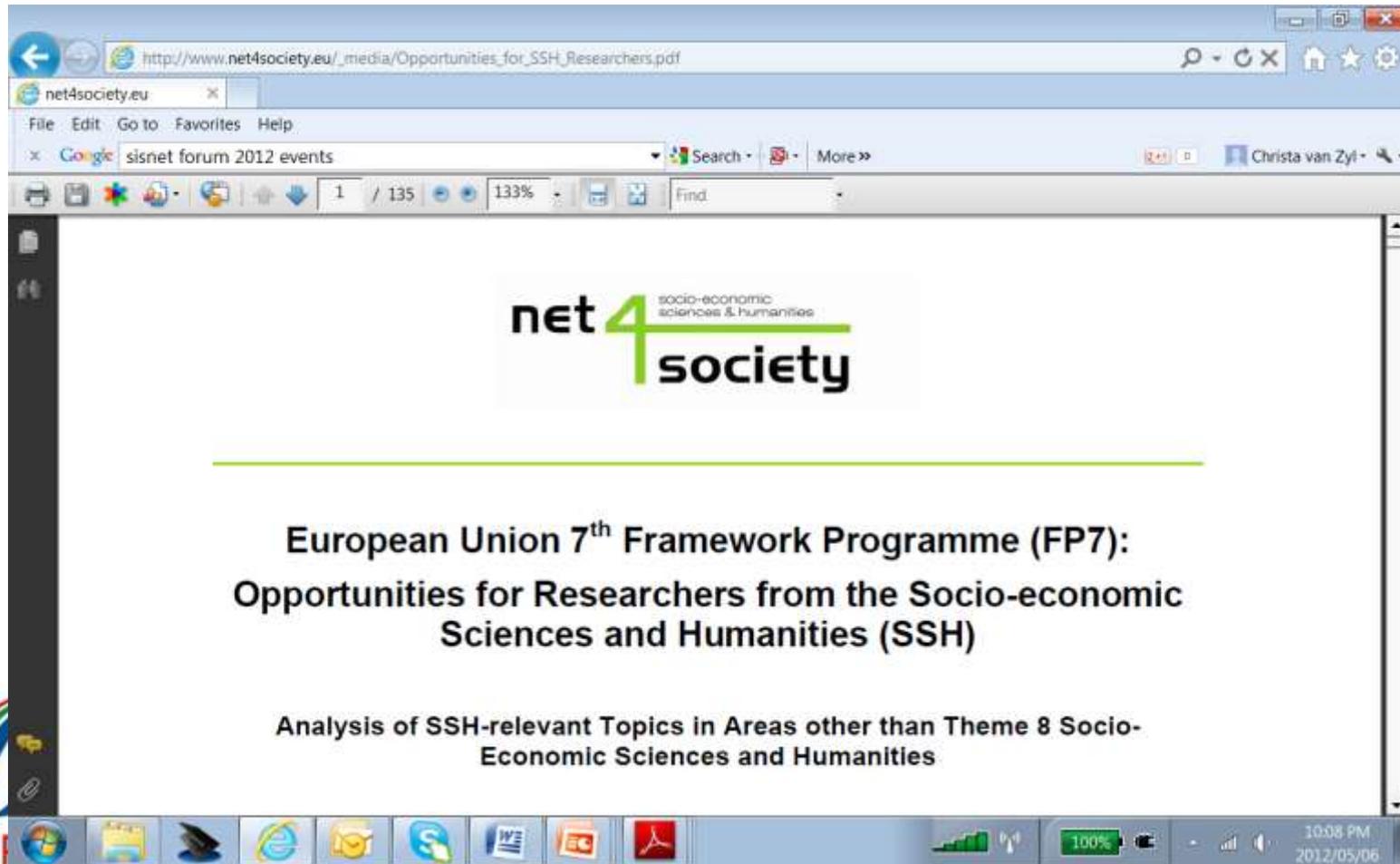
Hints for people interested in . . .

Responding to opportunities under FP7

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Minimum conditions and eligibility criteria

- Minimum conditions for typical collaborative research projects:

  - *At least three independent legal entities, established in three different Member States or Associated Countries*

  - ***Third country** participation possible – **often desirable** – once minimum conditions have been met*

  - *Different configurations for **SICAS** ("Specific International Cooperation Actions"), e.g. 2 EU/AC + 2 international*

    - Study the work programme and related documents for specific eligibility criteria – number of participants, third country involvement, size of budget!

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Points to bear in mind (I)

This is a fund created by the EU, to address EU priorities. Many EU priorities are also global priorities.

South African participation and perspectives are welcome – as long as we can show how we will *add value* to the issues under consideration.

For some topics, international collaboration is particularly encouraged. This means that proposals without participation of international partners will not be successful.

For other topics, international collaboration will nevertheless be possible and often welcomed.

For more detailed descriptions of the issues to be addressed under each topic, refer to the Work Plan

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Points to bear in mind (II)

Keys to success:

Responding to the topics and work plans is like working with an exam paper: Read carefully what the EU wants, and prepare your response accordingly!

Get the right partners in the EU. A strong, experienced lead organisation in the EU will make it easy and enjoyable to be a South African counterpart

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"Ten tips for successful proposals"

1. Understand how FP7 works
2. Dedicate time and resources to plan and prepare
3. Do your reading – work programmes and other documents
4. Study what has been done before, and by whom
5. Visit information events
6. Bring together – or try to join – the perfect consortium
   - *Build your consortium early*
   - *Look for the best partners, well known in Europe*
   - *Develop a work plan with well defined tasks and deliverables for each partner*
   - *You need to trust your partners*
7. Contribute to the development of a perfect proposal
8. Keep the evaluation criteria in mind
9. Make sure the proposal fits the eligibility criteria
10. Ensure that the perfect proposal is submitted in time! (Electronic submission by coordinator)

Based on http://www.euresearch.ch/index.php?id=676&no_cache=1

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Web-based resources

- Websites for general information, partner searches and much more!
    - ESASTAP http://www.esastap.org.za
    - NET4SOCIETY http://www.net4society.eu
    - SIS.net http://www.sisnetwork.eu/
    - CORDIS http://cordis.europa.eu/fp7

- General information on EU FP7:
    - *Leaflet, fact sheets and posters available at http://ec.europa.eu/research/fp7/index_en.cfm?pg=understanding*
    - *"Frequently asked questions" answered at http://cordis.europa.eu/fp7/faq_en.html*
    - *Also see www.esastap.org.za*

- Partner search support:
    http://cordis.europa.eu/fp7/partners_en.html
    http://www.esastap.org.za/esastap/partnersearch/index.php
    http://www.net4society.eu/public/pss.php
    http://www.sisnetwork.eu/forum/18

- Register your expertise
    (if selected as evaluator, you may get paid while learning!)
    https://cordis.europa.eu/emmfp7/

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Where to find more information

- Your own international (European) networks
- Approach the relevant NCP(s) and ANCPs
- Subscribe to newsletters / e-mail distribution lists (CORDIS; ESASTAP, N4S Third Country team)
- Lists of successful proposals: FP6 and FP7

All projects (searchable database):

http://cordis.europa.eu/fp7/projects_en.html

SSH projects:

ftp://ftp.cordis.europa.eu/pub/fp7/ssh/docs/ssh-project-synopsis-fp6_en.pdf

SiS projects:

ftp://ftp.cordis.europa.eu/pub/fp7/sis/docs/sis_proj_synop_bookmarked.pdf

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NET4SOCIETY research directory

http://net4society.pt-dlr.de/
Don't forget to register!

SSH and SiS NCPs:
Who we are

Dr Christa van Zyl   Dr Sagren Moodley   Ms Billie-Jean Winnaar

HSRC   DST   HSRC

SSH and SIS   SSH and SIS   SSH and SIS

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Support available
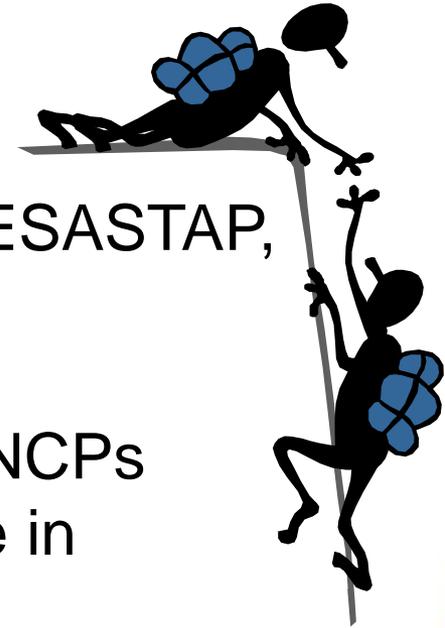
•Partner search support (CORDIS, ESASTAP, NCP networks – ESASTAP)

•SIS.net – network of SiS NCPs

•NET4SOCIETY – network of SSH NCPs

•Senior South African representative in Brussels (Mr Daan du Toit)

•ESASTAP / NCP network support

  •Sharing information on opportunities
  •Responding to, referring enquiries
  •Seed funding: ESASTAP
  •Strategic co-investment: ESASTAP

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Thank you!

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