



6DISS:

IPv6 Dissemination & Exploitation

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Information Society
Technologies

Key Data



Partners:

**Martel
Cisco
RENATER
GRNET
UCL
TERENA
Uni of Southampton
FCCN**

Duration:

Starts in April 2005, and lasts for 30 months

Funding:

900 kEUR at 80% funding



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Objectives:

A Specific Support Action of information exchange for the transfer of knowledge and exploitation of European IPv6 results from 6NET, Euro6IX, GEANT, TERENA, European NRENs, etc. to emerging research network operators, universities, commercial organisations, governments and regulators in:

- . Balkan countries (including Bulgaria, Rumania, Moldova and Turkey)**
- . Mediterranean countries**
- . Newly-Independent, Caribbean, Pacific (ACP) region**
- . South States (including Afghanistan)**
- . Africa & Central America**
- and will collaborate with such organisations in India and China**



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Mechanism

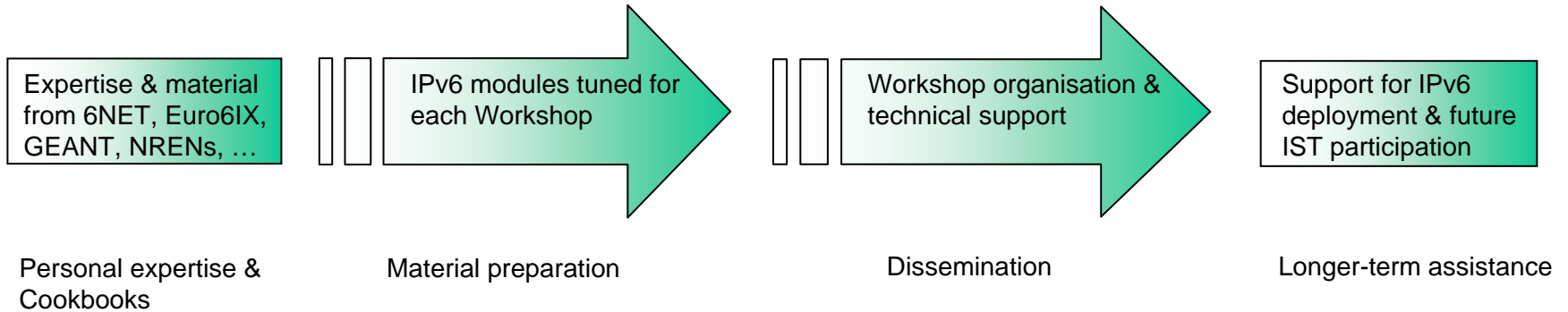
To organise workshops to disseminate the information contained in Cookbooks and training material on:

- IPv6 deployment and migration in fixed and wireless environments,
- multicast
- QoS
- renumbering
- DNS
- DHCP
- routing
- monitoring and management
- IPv6-enabled applications

To build constituencies, raise awareness, exchange best practices, and engage the organisations in future IST projects.



Technical Approach



1. Workshops

Balkan countries

Mediterranean, Sub-Saharan Africa & Caribbean

Newly-Independent States

South & Central America

Southern Africa

Southern Asia

GRNET

RENATER

UCL

TERENA/FCCN

Cisco

Uni SOTON

plus presence at EuroIndia and EuroChina events

plus “Train the Trainers”

Martel

Cisco



Technical Approach

Workshop module contributors:



General IPv6 matters	RENATER, Cisco
Transition Scenarios	Uni SOTON
Renumbering	Uni SOTON
Security	UCL
Multicast	RENATER
Mobile IPv6	Cisco
Autoconfiguration	FCCN
QoS	GRNET
Monitoring and Management	RENATER
DNS	FCCN
DHCP	FCCN
Routing	FCCN
Applications	UCL
Relationship to Grids	UCL
Equipment roll-out plans & emerging features	Cisco
News from IPv6 Forum	Uni SOTON
Latest status in IETF	Uni SOTON
Information for regulators	RENATER
Deployment examples	(All)

Technical Approach

2. “Tiger Teams” (1 expert per topic for back-up technical support, maintaining FAQ lists, etc.)
3. IPv6 Training at Cisco in Brussels (hands-on)
4. “Training the Trainers” (people can be trained in all topics and go back to teach others)
5. e-learning (on-line guide to where reference information can be found – eg. 6NET Cookbooks)



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Measures of Success

.... will be:

- Workshops organised with relevant training material
- The extent of on-going local training
- The number of trained persons
- Feedback analysis from each workshop (attendee survey)
- Participation of organisations from the visited regions in new IST Calls for Proposals
- Collaboration with CENAP

Project Structure



WP0: Project Administration and Technical Management

A0.1
Meeting organisation

A0.2
Preparing and
maintaining the
management
procedures

A0.3
Contractual matters
(subcontracts, NDAs,
Contract Amendments,
...)

A0.4
Periodic reports and
resource monitoring

A0.5
Accounting (cost
statements and
payments)

A0.6
Work assessment and
Quality Control

A0.7
Liaison

WP1: Workshop Preparation and Information Dissemination

A1.1
Supplement and
maintain the available
material

A1.3
Tailoring the
material to the
workshop

A1.2
Local workshop
organisation

A1.4
Workshop
presentation

A1.5
Post-workshop
support ("Tiger
Team")

WP2: Preparation and Dissemination of courses in Brussels: "Training the Trainers" and "IPv6 Training"

A2.1
Preparation of "Training
the Trainers" courses

A2.3
Preparation of "IPv6
Training" courses

A2.2
Dissemination of
"Training the
Trainers" courses

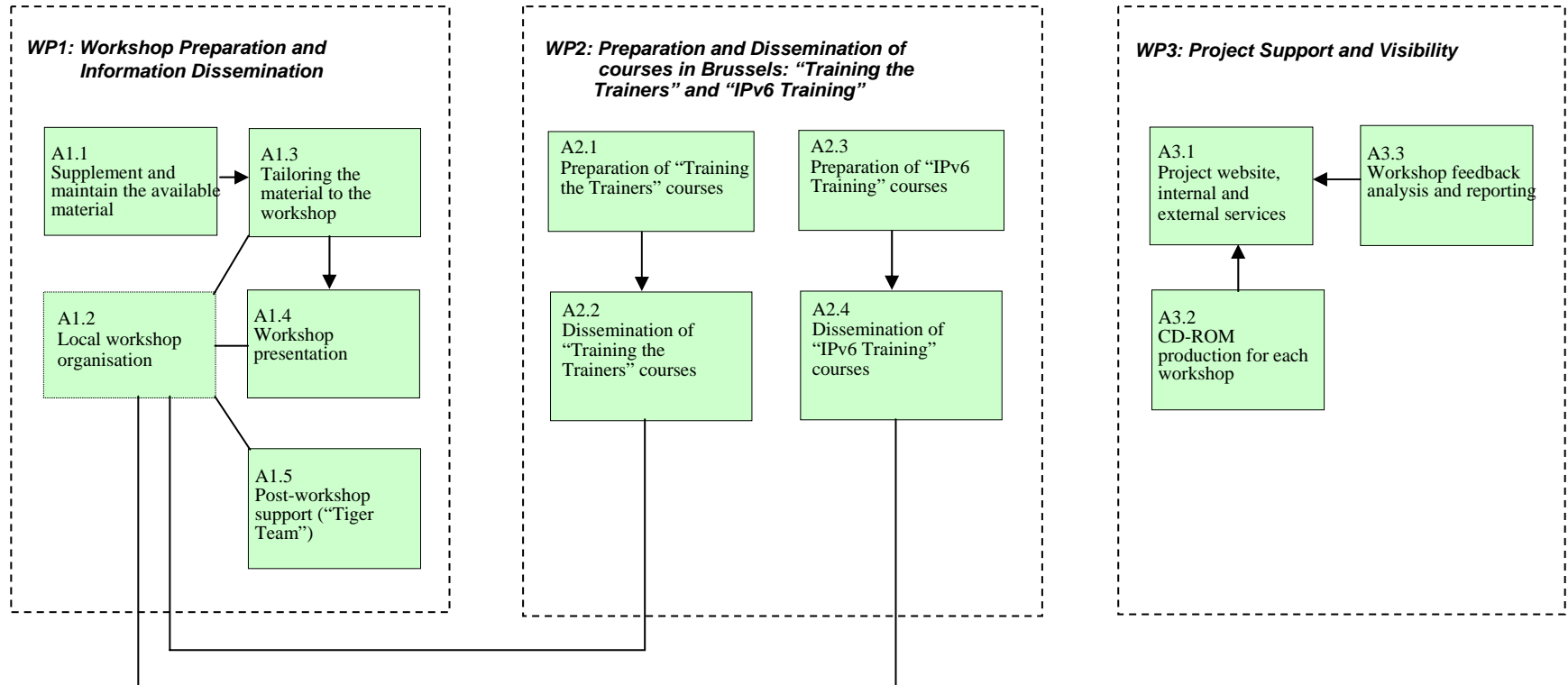
A2.4
Dissemination of
"IPv6 Training"
courses

WP3: Project Support and Visibility

A3.1
Project website,
internal and
external services

A3.3
Workshop feedback
analysis and reporting

A3.2
CD-ROM
production for each
workshop



Why participating to EC projects ...



- > EC is a 'meeting place' for researchers (€€€)
- > EC build and test 'new solutions' for the Public Sector
- > EC is excellent PR for the Public Sector

Outcome of 6NET:

- > Cisco is leading the IPv6 transition in EMEA
- > Sales opportunities: Schoolnetworks !!!
- > 6DISS (2005-2007)