





ENDURE

European Network for Durable Exploitation of crop protection strategies

Project number: 031499

Network of Excellence Sixth Framework Programme Thematic Priority 5 FOOD and Quality and Safety

Deliverable DS3.1

Title: Start-up brochure

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Start date of the project: January 1st, 2007 **Duration**: 48 months

Organisation name of lead contractor: CIRAD

Revision: V0.1

Project co-funded by the European Commission within the Sixth Framework Programme (2002-2006)

Dissemination Level

PU Public





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Glossary

Page layout: the page layout is the part of graphic design that deals in the arrangement and style treatment of elements (content) on a page. In computer software, a layout is the arrangement of the graphical user interface.

Template: a pre-developed page layout used to create new pages (paper or electronic) from the same design, pattern, or style.





The realisation of communication tools is an activity of ENDURE SA3.0. CIRAD is coordinating SA3.0. The start-up brochure, scheduled for the 6th month, is the first deliverable.

1 Logo and graphic identity

Although not scheduled in SA3 activity, the choice of a logo was the first step to ENDURE graphic identity. After several proposals made by CIRAD, exchanges about ENDURE identity and its graphic transcription led to a final version, adopted during the first ENDURE Executive Committee meeting about communication, on 25th January 2007. As six of the eleven members of were present, the logo received the definite agreement of the remaining five members, one week later.

The first products were recommendations about ENDURE colours and documents, a power point template for the presentations and a first layout of the public website for the kick-off meeting (21-23 February).

A call for photos was launched to the participants.

The start-up brochure project was launched soon after the kick-off meeting.

See Annex I: ENDURE Logo,
Annex II: ENDURE graphic identity,

Annex III: ENDURE presentation template,

and Public website: http://www.endure-network.eu/

2 Text

The text elaboration was an internal communication work, which raised discussions among the participants. The brochure would present the network, its objectives and its activities, explain why and how it would work. A first version circulated among the ExCom members and their communication teams. The other organisations representatives were also consulted. Many contributions and exchanges led to a synthesis version, which was submitted to the coordinator, P. Ricci.

The final version, rewritten by him, was approved by all the members of the Executive Committee.

3 Layout

The layout realised by CIRAD circulated among the Executive Committee members and their communication teams. The final version was approved by Endure coordination..

4 Printing and dissemination

4000 ex. were printed (11th June). 3000 are to be shared out among ENDURE members, on command (mailed by CIRAD).

A layout has been given to ENDURE participants for translations in other languages. French, Danish and Hungarian versions are scheduled.

See Annex IV: ENDURE Start-up brochure





Annex I: ENDURE Logo

Logo





The fount used for the word endure is clear and the letters are close together to reflect the network concept.

The "flower" makes the logo more dynamic as it fans out, while the overlapping petals represent the synergies within the network.

Colours

- red does mean danger, but also optimism;
- orange does not have any strong connotations, but it is stimulating, and the mix of red and yellow links it with the idea of exchanges;
- green, the colour for plants, also symbolizes hope and wellbeing.

Associated pictogrames:



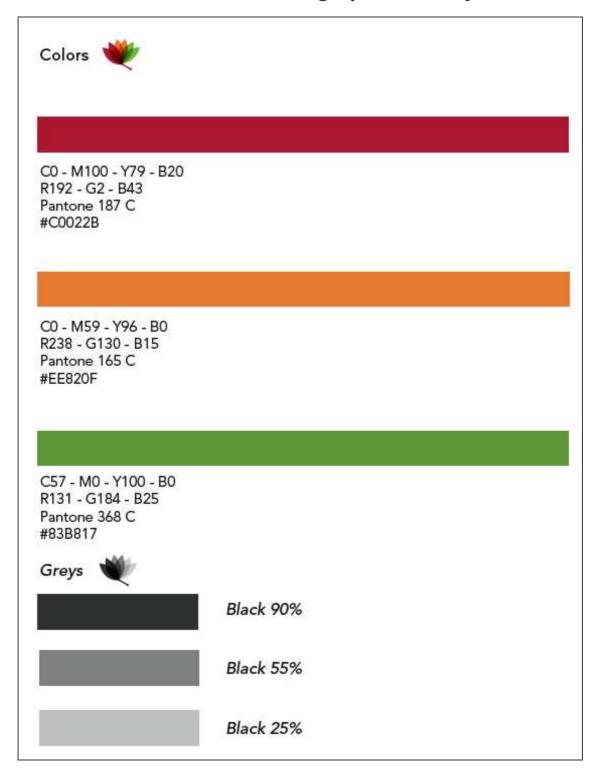


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Annex II: ENDURE graphic identity







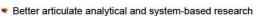
Annex III: ENDURE presentation template





Need to alleviate bottlenecks





- ▼ Exploit interaction between individual methods → integrated strategies
- Make IPM feasible for mass-production agriculture
- Favor widespread use of emerging technologies
- Deal with emerging pests at a global level
- Collect data on actual pesticide application rates and ecological risks
- Couple economic models to agronomic and ecological ones
- Acquire long-term vision on the indirect effects of changes in crop protection practices









Major options

- Our primary target is the end-user: the farmer, its advisers...
- Have an impact on large scale mass-production
- Diversify crop protection in the diversity of European situations
- Adopt a system-based approach
- Assess systems (rather than methods) on multiple criteria
- Our lever: provide the best possible multidisciplinary scientific support by unifying the scientific community in Europe

Dissemination

Optimize & reduce pesticide use

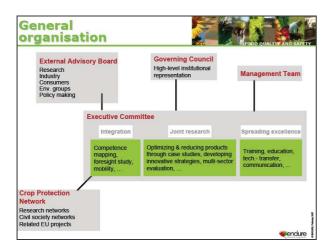
Constituted assessment

CASE STUDIES

Research

Design innovative crop protection strategies

Integration

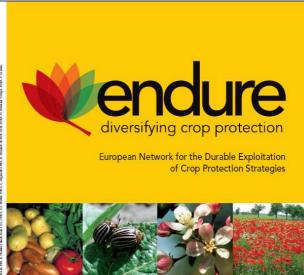






Annex IV: ENDURE Start-up brochure











http://www.endure-network.eu



> Context

Advances in crop protection have greatly contributed to high yields and consistency in production, but new concerns about human health and the environment and increased consumer awareness of pesticide use all for the development of lower input farming systems that are less reliant on pesticide use.

input raining system to as we see reaction production for In Europe, toogher regulations on the registration of plant protection products and the protection of water resources are coming into force and at hematic strategy is being developed to fill the legislative gap regarding the use-phase of pestidost-oid directive restabiliting a framework for Community action to achieve a sustainable use of pesticides is under discussion.

Supporting these changes requires that diversified crop protection strategies based on new technologies, new approaches and abroader range of tractics be proposed to and developed with well qualified growers and advisers. Stackholders, sepecially policy-ambiens, need independent science-based advice to help them implement the new regulations.

> Objectives

The purpose of ENDURE is to answer these needs through the durable restructuring of European research and development allowing additional, coherent and re-oriented efforts in order to provide a better understanding of the biology of crop-pest interactions, coupling analytical and system-based approaches, to ensure that economists and sociologies join biologists and agronomists in the design of innovative cropping systems, and that this knowledge is efficiently mobilised at the farm level.

A European network of expertise and knowledge will be developed by partner organisations, progressively enhanced by teams from other Member States and countries outside Europe whose products are exported to Europe.

The network will establish itself as a world leader for development and implementation of sustainable crop protection strategies. The creation of a European pest control competence centre will provide the vehicle enabling it to become a central point of reference.

> Building the network

A common research agenda

A common research agental ENDURE will identify the areas of competence covered by each institution and will elaborate scenarios on the future of crop protection. On this basis, it will develop a vision of the evolving scientific and technological needs for reducing the reliance of European agriculture on pesticides and it will propose revised priorities for its own research agenda and that of national programmes.

A networked virtual laboratory

The scientific infrastructure required by ENDURE will be provided by networking the best facilities and know-how available among partners and by promoting the constitution of new facilities and resources when needed. This involves staring biological and technical resources cognising multi-site field experimental networks, standardising methods and protocols, critically assessing the emerging exhalling methods and protocols, critically assessing the emerging exhaulting the start of the control of

for agriculture, and developing decision-support systems for growers. The virtual laboratory will provide the work environment for implementing the collaborative research projects of ENDURE.

A shared knowledge base

ENDURE will collect relevant information and knowledge and validate and organise it efficiently within a database. This will ensure that each partner has access to the knowledge that already exists in- and outside the network and also to that generated by the joint research programme.

that generated by the pint research programme. The RRD content will be gathered around the building of these three assets. Interactivity within the network will be stimulated by a human resources exchange programme between contents involved in sustainable crop protection. END URE will also establish inlies and exchanges with other relevant networks and projects in Europe.

http://www.endure-network.eu

> The joint research programme

Optimising and reducing pesticide use

Optimisting and reducing presences uses
ENDURE aims to improve one protection practices in the
short term by demonstrating the feasibility of changing
end-user practices towards more integrent strategies. Casestudies will be used to assess how existing practices, took and
evaluation methods can be strengthened, transferred to new
agov-ecosystems and adopted by growers. Case-studies will
first include when, postor, pomerfurit, contact and integrated
weed management; mizite, olisted rape, grapevine and bannan
will be considered later on. weed management; maize, of will be considered later on.

Designing innovative crop protection

strategies
Major brackstroughs will be needed to actually meet the
requirements of sustainable production in the longer
term and offer a variety of options for different profeterm and offer a variety of options for different profeoptions of the strategies of a spiraluture. ENDURE will explore new sources of innovation
in the fields of prevention of pet damage, integration of
precision agriculture technologies, landscape management
and community occloped protocoles. Existing strategies that
offer scaling-up potential, and newly designed pioneering
strategies based on cutting-edge research will be assessed for
efficiency and applicability prior to field-testing.

Defining criteria to assess strategies

ENDURE aims to assess crop protection strategies from complementary points of view. Agronomic, environmental, conomic and societal crietaria will be developed to assess the impacts on pest incidence and pesticide use; the environmental tests and benefic (inculsing life-cycle analyses); the weight of the conomic, institutional and legal driving forces; and the sociological basis of decisions and practices at different collections of the food chain; furmers, extension services, economic actors

Understanding crop-pest systems

ENDUE will stimulate the exploitation of current advances in population dynamics, spidemiology, evolutionary exology and agenomics, community esolety, or on improvement and biorchnology to improve the basic knowledge of corporaty systems. Pittingst spected area was re-persider restrance management, exploitation of plant genetic resistance, reploitation of natural biological processes, invading and emerging pests, and were biology and management.

> Disseminating results and knowledge

ENDURE activities will bring results, expertise and knowledge to all concerned parties.

Training and education

In order to foster rapid implementation of crop protection techniques, pilot training sessions with farmers, extension organizations and facilitators involved in crop management will be organised and the transfer of technologies generated in ENDURE to potential end-users, companies and industries will be supported.

Teaching collaborations will be established with universities and schools that provide crop protection PhD programmes, and summer school courses will be organised to improve the attractiveness of the crop-protection field for talented young scientists.

Dialogue with stakeholders and end-users

Dialogue with stakenholders and endrusers ENDUEE will set up the ENDUEE competence centre to offer up-to-date and validated information on crop protection strategies in a form adapted to the various target groups. The centre will provide tools, methods and recommendations to growers and their advisers. It will be open to the needs and views of industry and society but independent of specific vested interests.

vested interests.

Communication tools and events will be organised to reach
the scientific community beyond ENDURE. Guidance
and tool will be provided to increase public awareness of
crop protection issues and their environmental and social
implications.





