



AEA Technology Rail BV
 PO Box 8125
 3503 RC Utrecht
 The Netherlands
 Telephone: +31 30 300 5100
 telefax: + 31 30 3005 5150
 email: susan.janssen @nl.aeat.com

Contract Number: SSPI-CT-2003-503549-IMAGINE

IMAGINE

Improved Methods for the Assessment of the Generic Impact of Noise in the Environment

Website

Deliverable 1 of the IMAGINE project

Project Co-ordinator: AEA TECHNOLOGY RAIL BV


Partners:	AEAT NL	BUTE	EURO-CONTROL	MBBM	UGent
	AEAT UK	CSTB	JRC	SP	ULeeds
	Anotec	DeBAKOM	Kilde	TML	Volvo
	ARPAT	DGMR	LABEIN	TNO	
	Autostrade	EDF	Leicester	TRL	
	Boeing	EMPA	M+P	TUG	

Document identity: IMA08TR-040507-AEA20

Date: 13 May 2004

Level of confidentiality: public

Written by	Date (YY-MM-DD)	Reviewed by	Date (YY-MM-DD)
Edwin Verheijen	04-05-07	Rik van Haaren	04-05-11



**Project funded by the EC under the
 SIXTH FRAMEWORK PROGRAMME
 Area 1.2.1 (i) Policy-oriented research
 PRIORITY 1.5, Environmental Assessment**

The present publication only reflects the author's views. The Community is not liable for any use that may be made of the information contained herein.

Amendments

Version number (file)	Status	Amendment details	Date (YY-MM-DD)
01	draft		04-05-10
10	definite	textual revision	04-05-11
20	final	correction of contract number and revision of footer	04-05-13

Approval by the Project Steering Committee

Partner	WP	Name	Website approval by mail dated:
CSTB	1	Dirk Van Maercke	16 March 2004 (default)
TNO	2	Isabel Wilmink	4 March 2004
SP	3	Hans Jonasson	16 March 2004 (default)
EUROCONTROL	4	Peter Hullah	16 March 2004 (default)
M+P	5	Gijs Jan van Blokland	16 March 2004 (default)
AEAT UK	6	Rick Jones	15 March 2004
DGMR	7	Rob Witte	3 March 2004
AEAT NL	8	Edwin Verheijen	2 March 2004
AEAT NL	9	Rik van Haaren	16 March 2004 (default)
AEAT NL	10	Paul de Vos	16 March 2004 (default)

Distribution List

Organisation	Number of copies

EXECUTIVE SUMMARY

This report documents the first deliverable of the IMAGINE project. Additionally the use of the website is described.

Deliverable 1 of the IMAGINE project has been put in place on 2 March 2004: the website of the project. The website contains general information, partner information, news and agenda items, and public and restricted documents. The information on the website will be update at least every 4 months. The website production and maintenance is Task 8.1 of the IMAGINE project.

An end user platform of IMAGINE is formed by using the original end user list of the Harmonoise project and adding new addresses provided by the IMAGINE partners. The platform now contains over 400 addresses of representatives of authorities, consultancy offices, software suppliers, mappers and others. The attention of these end users is drawn to the IMAGINE project by a regular electronic newsletter with links to the (new items on the) website. The first issue of the newsletter was sent out in the beginning of April 2004. The End User platform is Task 8.4 of the IMAGINE project. It is said with emphasis that the newsletter and the End User Platform, though described in this report, are not part of Deliverable 1.

TABLE OF CONTENTS

Executive Summary	3
Table of contents	4
1 Introduction	5
1.1 Goal	5
1.2 Time schedule	5
2 Website structure and overview	6
3 End User Platform	7
3.1 Composition of the IMAGINE End Users Platform	7
3.2 First electronic newsletter	8
4 Conclusions	9
References	9
Annex 1 Browser view of Home Page	10
Annex 2 main page lay-out (partners)	11
Annex 3 sub-page lay-out (Partner Leicester)	12
Annex 4 sub-page Lay-out	13
Annex 5 News, Agenda and contact	14

1 Introduction

1.1 Goal

Task 8.1 of the IMAGINE project has been the production and maintenance of a public project website. The main purpose of this report is to document that this website has been delivered. Therefore, Chapter 2 explains the structure (branches, links, documents) that has been chosen for it, and gives examples of the pages at a moment 2 months after publishing the website on the internet.

Chapter 3 describes how the End User Platform has been constructed and how these end users have been informed of the existence of the website (Task 8.4). It is said with emphasis that the newsletter and the End User Platform, though described in this report, are not part of Deliverable 1 of the IMAGINE project.

The next section gives an overview of the development plan of the website and end user platform.

1.2 Time schedule

The website has been produced in the following steps.

1 Dec 2003	Start of the IMAGINE project.
9 Dec 2003	First contact with the internet developers (Tremani), who also developed the revised HARMONOISE website
15 Jan 2004	Domain name www.imagine-project.org reserved
21 Jan 2004	Partner CV's collected at project's Kick Off meeting
23 Jan 2004	(Revised) proposal for website structure received
26 Jan 2004	PCC asked for description of all organisations
27 Jan 2004	PSC asked for description of all work packages
28 Jan 2004	Proposal for website structure accepted;
6 Feb 2004	Domain name www.imagine-project.org claimed
13 Feb 2004	First visual impression of homepage on a temporary internet address
26 feb 2004	Website structure and content ready; EC Officer asked for permission to publish
2 Mar 2004	EC permission received, slight adjustment of wording; PSC asked for approval.
4 Mar 2004	Website online on www.imagine-project.org
16 Mar 2004	Approval from PSC; PCC asked to extend the existing Harmonoise end-user email list
8 Apr 2004	End-users informed of the new website by an electronic newsletter (see also Chapter 3)

Planning of future website actions

The website will be updated regularly during project, news items will be added at least once per 4 months. Project Deliverables will be uploaded as soon as they have been approved by the PSC. An electronic newsletter will be issued with approximately the same periodicity as the website updates.

2 Website structure and overview

The website has the following basic structure.

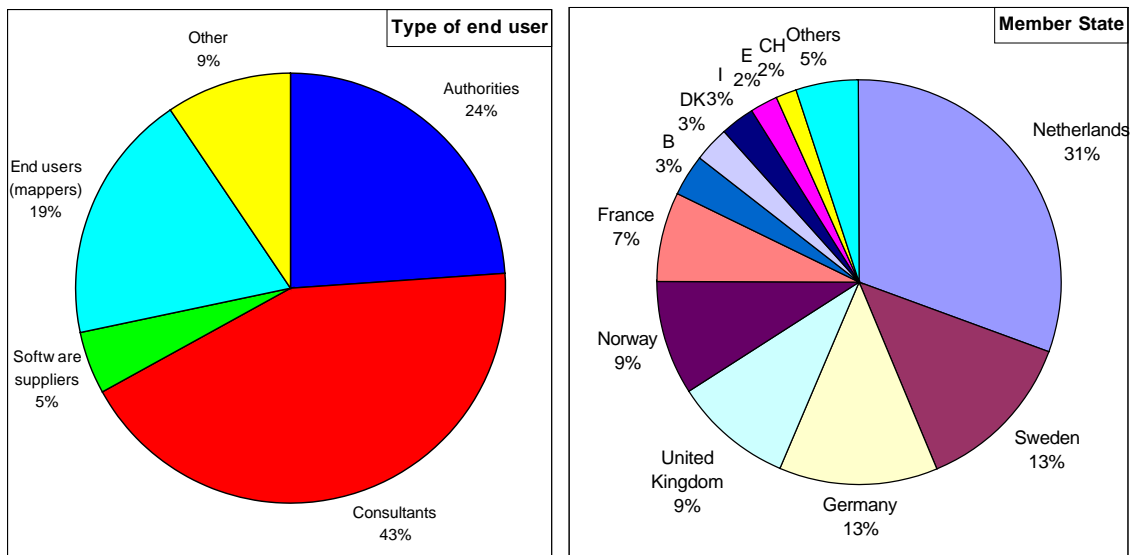
<i>main pages</i>	<i>sub pages</i>	
home	Home	see Annex 1
imagine	Introduction Time scale Why Imagine? Consortium	
research topics	Introduction Work Package 1 <document 1> <document 2> ... Work Package 10	see Annex 4 see Annex 4 see Annex 4
partners	Partners <partner 1> People <partner 2> ...	see Annex 2 see Annex 3
news	News <item 1> <item 2> ...	see Annex 5
agenda	Oncoming events <item 1> <item 2> ... Archive	see Annex 5
forum	Introduction Forum Message board	
links	Imagine partners Noise policy in Europe Research & development Other links	
contact	Contact	see Annex 5

3 End User Platform

Since one year, the Harmonoise project is issuing an electronic newsletter to a group of end users. The newsletter attempts to draw attention to news items and documents uploaded to the website. The Harmonoise end user platform consists of representatives of authorities, consultants, software suppliers, "mappers" and others. The email addresses of these end users have been provided by the 19 project partners within the Harmonoise project. At present, 189 of such end users throughout Europe are known to the Harmonoise consortium.

3.1 Composition of the IMAGINE End Users Platform

The IMAGINE consortium has done effort to add end users to the original Harmonoise list. The IMAGINE partners have contributed many names. On 8 April 2004, a combined electronic newsletter for the Harmonoise and IMAGINE project has been sent to 408 (valid) addresses of end users. This letter is shown in the next subsection. In this subsection, the composition of the IMAGINE End User group is given. A division by type and a division by Member State is made here.



It can be seen that the majority of end users consists of consultants and representatives of (national and regional) authorities. Among the mappers, which are considered "end user" of the software tools, are local authorities and their environmental offices.

The right graph shows that some Member States are overrepresented. This is partly due to the importance of noise issues in these countries, and partly due to the diligence of the project partners in these countries to look up and provide addresses.

3.2 First electronic newsletter

The first electronic newsletter for Imagine was combined with the third letter for Harmonoise. In this way, the link between the projects was emphasised. It is intended to combine subsequent newsletters of both projects until the end of the Harmonoise project.

Electronic newsletter of the HARMONOISE and IMAGINE projects

www.imagine-project.org and www.harmonoise.org

Spring 2004 - Issue No. 3

Please use the HTML-view in your email browser.

IMAGINE - This European project is developing new calculation methods for [railway](#), [road](#), [industrial](#) and [aircraft](#) noise. It is considered the natural successor of the Harmonoise project: IMAGINE will [standardise](#) the Harmonoise methods and will provide guidelines on how to use these methods for [noise mapping](#) and noise action plans. Noise action plans are due in 2008, according to the Environmental Noise Directive ([2002/49/EC](#)). A special research topic on [traffic flow](#) management will support action planning. IMAGINE means: "Improved Methods for the Assessment of the Generic Impact of Noise in the Environment."

- New website launched ([link](#))
- Consortium of 27 European partners ([link](#))

HARMONOISE - This European project is developing new calculation methods for [railway](#) and [road](#) noise. Noise [propagation](#) is one of the main research topics. At present, the project is integrating the new methods into an [engineering](#) model. The extensive [measurement campaigns](#) have just finished.

- Report on vehicle categories for the description of noise sources ([link](#))
- Good Practice Guide for Noise Mapping from WG-AEN ([link](#))
- Place your reactions on the forum ([link](#))

SUBSCRIPTION

We received your email address from the partners in the HARMONOISE and IMAGINE projects under the condition that it will be used only for this purpose. These partners selected your address with care; they considered that you may be interested in news on noise calculations, mapping and action planning. If you decide this newsletter is not for you, you can cancel your [subscription](#) immediately.

4 Conclusions

In the beginning of March 2004, the IMAGINE website has been launched at www.imagine-project.org. The website contains general information, partner information, news items, agenda and documents about the project. The website will be maintained during the project, which means that it will be updated regularly.

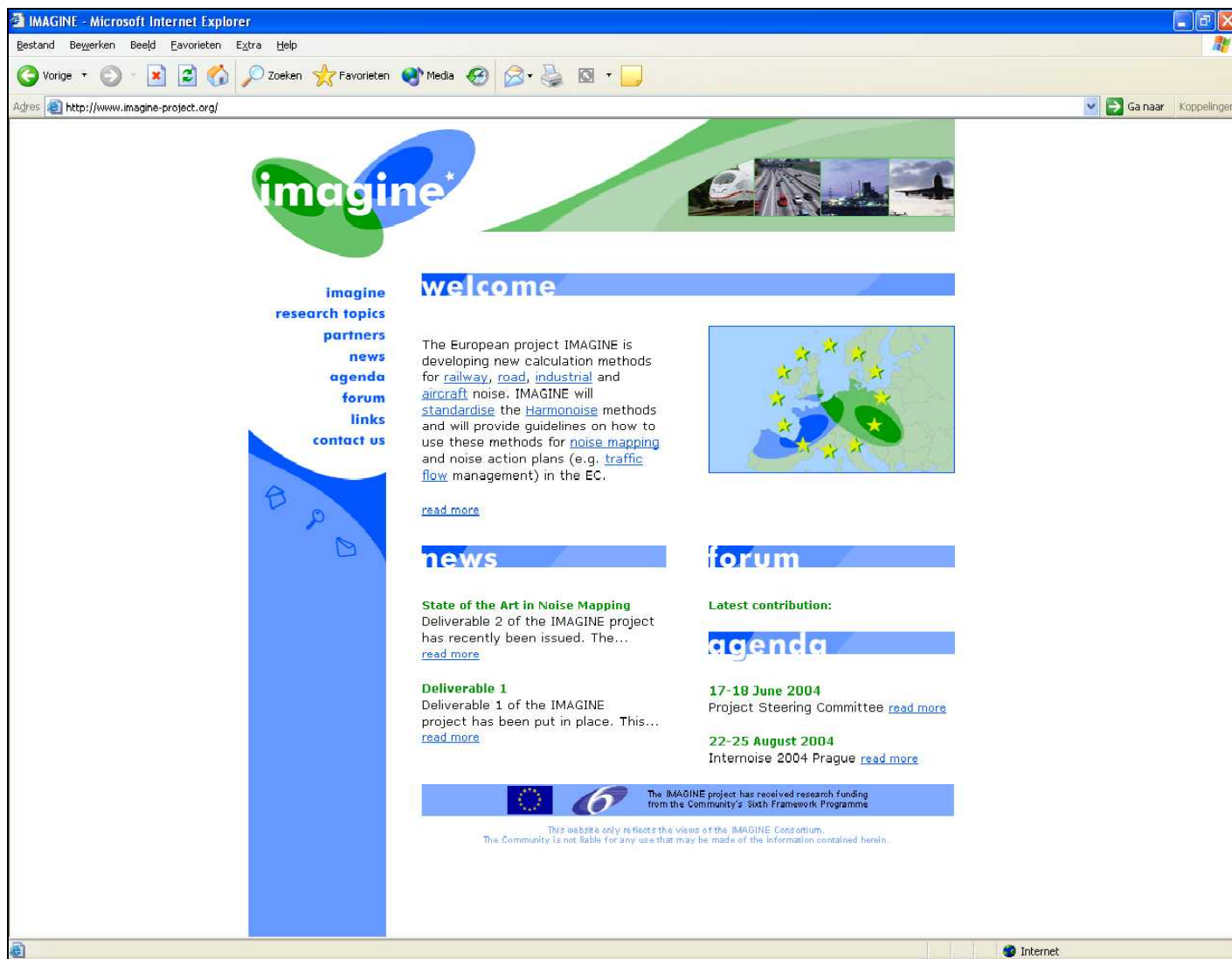
An End User Platform is set up in March 2004. The attention of these end users will be drawn to the project by a regular electronic newsletter that links to new items on the website. The first issue of the newsletter was sent out in the beginning of April 2004.

The end user list of IMAGINE contains over 400 addresses of representatives of authorities, consultancy offices, software suppliers, mappers and others.

REFERENCES

- [1] A.A. van Lier, 'The measurement, analysis, and presentation of wheel and rail roughness', AEAT report NSTO/97/9571011/005, August 1997.
- [2] P. Dings and A. van Lier, 'Measurement and presentation of wheel and rail roughness', World Congress on Railway Research, Florence, November 1997.
- [3] D.J. Thompson, 'Definition of the reference roughness', Technical document Silent Track/Silent Freight, 70128/3/ISVR/T/A/stdrough.doc, 1997.

ANNEX 1 BROWSER VIEW OF HOME PAGE




Detail: disclaimer



ANNEX 2 MAIN PAGE LAY-OUT (PARTNERS)

partners

The IMAGINE Consortium represents a mix of 27 partners, of which 7 research organisations, 9 consultants (most of them SME's), 5 industrial and 2 governmental organisations and 4 universities. They come from 10 different Member States of the European Union, and two other European countries (Norway and Switzerland). Twelve of these partners are involved in the HARMONISE project.



AEA Technology Rail BV

Coordinator of the Imagine project and also of the related Harmonise project. Large expertise in putting in place a database of noise source data for environmental noise prediction (the so-called acoustic timetable) and in developing mapping software.
[read more](#)



AEA Technology plc

AEA Technology Rail is a leading technology adviser and supplier to the railway industry, with expertise in the areas of trains, infrastructure, operations and policy. The Acoustics Team in Derby (UK) is work package leader of WP6 on Rail Noise Sources.
[read more](#)



Anotec Consulting S.L.

Anotec (Spain) is specialised in measurements of aircraft noise, and a partner of the Silence(r) project.
[read more](#)

ANNEX 3 SUB-PAGE LAY-OUT (PARTNER LEICESTER)

partners logo & title	
 <p>Leicester City Council Area Traffic Control York House 9.1 Granby Street LE1 6FB Leicester</p> <p>Contact: Nick Hodges</p> <p>Tel: +44 116 2995690 Fax: +44 116 2557997 http://www.leicester.gov.uk</p> <p>People:</p> <ul style="list-style-type: none">• Nick Hodges• James Ellison	<h4>Leicester City Council</h4> <p>The Area Traffic Control Group manages and maintains the traffic signal network throughout Leicester, Leicestershire and Rutland. This includes 429 sets of traffic lights in Leicester, and 730 sets of lights in Leicestershire.</p> <p>Using sophisticated IT systems, traffic flow and signal timing design are constantly refined to optimise the efficiency of the flow of traffic and to ensure proper provision of crossing facilities for cyclists and pedestrians.</p> <p>Significant European Commission linked research is carried out, particularly in the field of air pollution, so that traffic management and policy can take into account the effects traffic has on the quality of people's health in Leicester.</p> <p>The main road network is monitored by CCTV cameras which gives a real time picture of the traffic situation in and outside the city.</p> <p>The service also provides regular live broadcasts on Radio Leicester of the local traffic and transport situation.</p>
projects	news
<ul style="list-style-type: none">• Work Package 1• Work Package 2	No news for this partner.

ANNEX 4 SUB-PAGE LAY-OUT

research topics

- Introduction
- Work Package 1
- Work Package 2
- Work Package 3
- Work Package 4
- Work Package 5
- Work Package 6
- Work Package 7
- Work Package 8
- **Work package 9**
- Work Package 10

Project Management

The general management activities of the Imagine project are concentrated in this work package. There are no public activities within this work package.

related documents:

- [Status list - deliverables](#) [31-03-2004]
- [Status list - actions from partners](#) [30-03-2004]
- [Guideline for uploading and publishing](#) [30-03-2004]
- [view all related documents...](#)

partners

Work package leader:

- **AEA Technology Rail BV**

news

No news for this research project.

Detail: related document (public)

documents

Status list - deliverables

The Project will produce 15 public Deliverables. These Deliverables will be published on this website as soon as they are approved by the PSC. A status list can be downloaded here.

author: Edwin Verheijen
date: 31 March 2004

- download: [IMAGINE_Deliverables_March_2004_.pdf](#) [size: 12.2 KB]

Detail: related document (restricted – only for consortium)

document logo & title

Status list - actions from partners

This statuslist gives an overview of the actions required for project management. It is password-encrypted and can only be read and printed by partners of the consortium.

author: Susan Janssen
date: 30 March 2004


- download: [actionlist_for_partners.pdf](#) [size: 18.1 KB]

ANNEX 5 NEWS, AGENDA AND CONTACT

news

State of the Art in Noise Mapping
[26 April 2004]
Deliverable 2 of the IMAGINE project has recently been issued. The State of the Art report provides the point of reference for the IMAGINE project. This document is the product of...[read more](#)

Deliverable 1
[04 March 2004]
Deliverable 1 of the IMAGINE project has been put in place. This first Deliverable is the website of the project. It was planned for publication on "T0+3", which means 1 March 2004,...[read more](#)

 **Good practice guide for noise mapping**
[26 February 2004]
The Working Group Assessment of the Exposure to Noise (WG-AEN) has issued the Position Paper "Good Practice Guide for Strategic Noise Mapping and the Production of Associated Data on Noise Exposure". Version 1...[read more](#)

agenda

- **Oncoming events** **17-18 June 2004: Project Steering Committee**
- **Archive**

The next meeting of the [Project Steering Committee](#), i.e. the board of work package leaders, will be held on 17 and 18 June 2004 in The Hague.

22-25 August 2004: Internoise 2004 Prague

The Internoise 2004 conference is taking place at the Czech Technical University, Faculty of Electrical Engineering, in Prague. The Harmonoise project will be close to it's finalisation and we expect that we can report on a lot of details during the conference. We may even organise a special session as we did in the Euronoise 2003 conference in Naples. [read more](#)

contact us

Electronic Newsletter
This website is updated regularly - though not on a daily basis. A few times a year we will therefore issue an electronic newsletter which links to the new items on this website. By [subscribing](#) to this newsletter, you will automatically be informed about important European news on noise, public IMAGINE reports and special events. Please write "subscribe" in the subject field of your e-mail.

If you do not want to receive the newsletter any longer, please [unsubscribe](#) by writing "unsubscribe" in the subject field of your e-mail.

Contact
[Paul de Vos](#) (Scientific Coordinator)
[Susan Janssen](#) (Project Secretary)
[Edwin Verheijen](#) (Webmaster)