

Large Web site systems

1996 > 2000

Joint Research Centre of the
European Commission (DG-JRC)

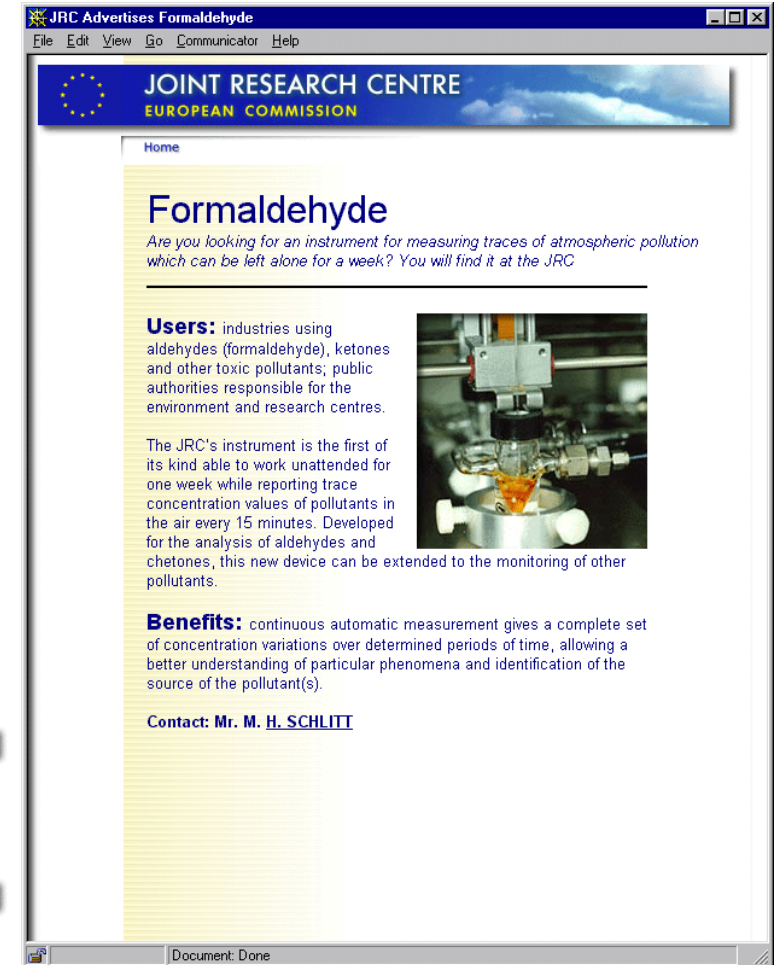
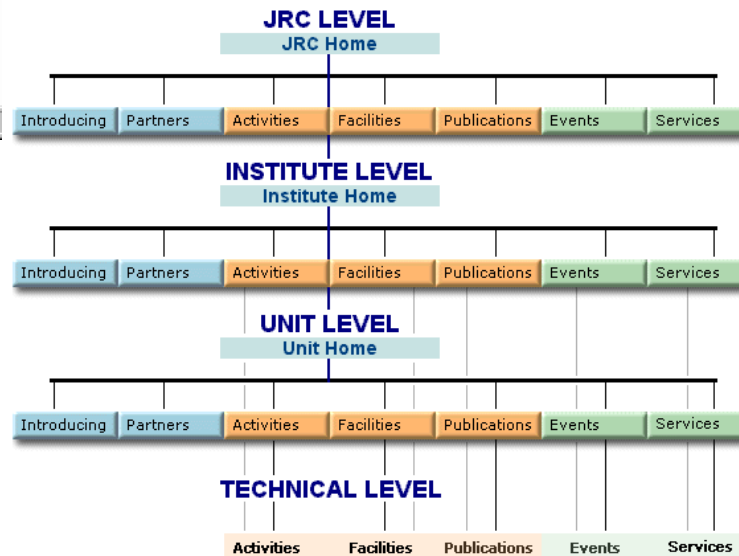
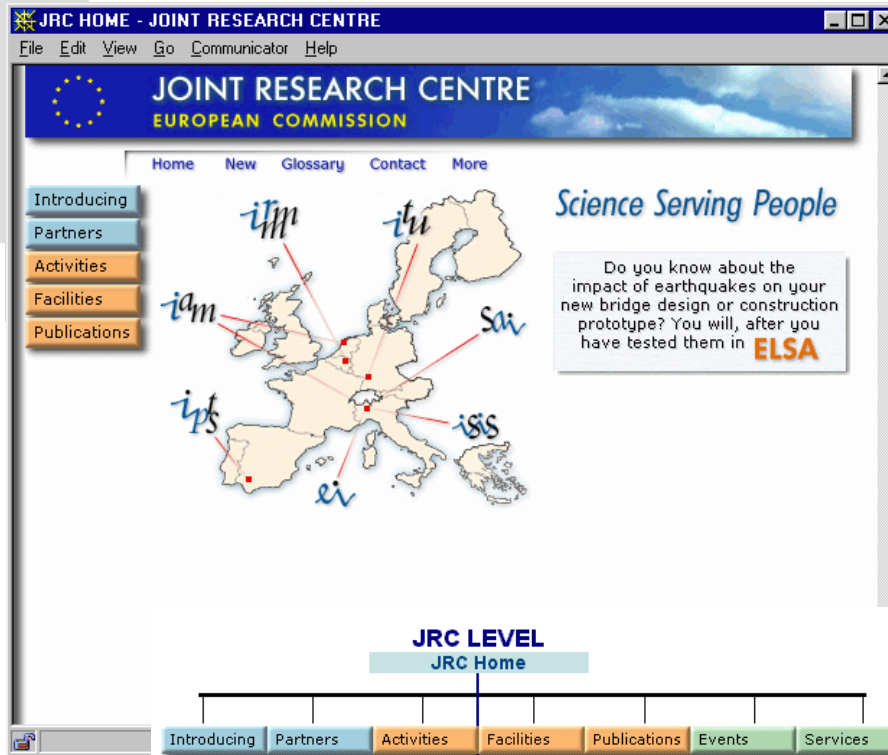
Continued collaboration with JRC to achieve coordination of its web sites: 8 scientific institutes and relative 50 working units.



JRC first version: JRC level

1997 - 1998

The JRC site was thought as an "electronic brochure" made of brief descriptions promoting the JRC activities and products. The brochure functioned as an unique entry level to technical descriptions published by already existing Units' web sites.



JRC first version: Institute level

JRC IAM HOME

JOINT RESEARCH CENTRE
EUROPEAN COMMISSION

Home Glossary Contact

Introducing
Partners
Activities
Facilities
Services

Improved knowledge on advanced and conventional materials for European industry

Institute for Advanced Materials

The Working Units

- [Materials Engineering](#)
- [Surface Engineering](#)
- [Structural Component Integrity](#) (→)
- [Energy Systems Testing](#) (→)
- [Structural Materials and Tritium Technology](#)
- [High Flux Reactor](#)
- [Cyclotron](#)
- [Testing, Analysis and Mechanical Engineering](#)

Petten in the Netherlands

Ispra in Italy

The IAM researches advanced materials with an emphasis on standards for applications, new and improved coatings, structural component integrity and materials for clean technologies and fusion, solar energy by photovoltaics. Its work on both advanced and conventional materials is highly industry-focused, particularly in the energy, transport, environment, life science, manufacturing and nuclear sectors. The IAM's High Flux Reactor at Petten is a leading supplier of radioisotopes for the radiopharmaceutical industry. (→)

IAM Institute home page

JRC ISIS HOME

JOINT RESEARCH CENTRE
EUROPEAN COMMISSION

Home Glossary Contact

Introducing
Partners
Activities
Facilities
Events

Multidisciplinary analysis of industrial, socio-technical and environmental systems, innovative application of information and communication technologies, science and technology for safety management.

Institute for Systems, Informatics and Safety

The Working Units

- [Systems Modelling and Assessment](#)
- [Advanced Technological Information Analysis](#)
- [European Technical Medicinal Products](#)
- [Software Technology Automation](#) (→)
- [Structural Mechanics](#)
- [Industrial Hazards](#)
- [In-Field Experiments](#)
- [Safeguards and Verification Techniques](#)

Ispra in Italy

ISIS Institute home page

The Activity page of EI Institute

JRC EI AP ACTIVITIES BEMA

JOINT RESEARCH CENTRE
EUROPEAN COMMISSION

Home

Institute Activities
Unit Activities

Environment Institute
Atmospheric Processes Unit

ACTIVITIES

BEMA : Biogenic Emissions from the Mediterranean Area
Institutional and Competitive Research

[CONTENT PAGE](#)

- [Introduction](#)
- [Description](#) of the Project

Introduction

The objective of the Biogenic Emissions from the Mediterranean Area (BEMA) is to compare the contribution of natural and man-made emissions to tropospheric ozone formation over the Mediterranean. Central to the project is a series of field measurement campaigns complemented by laboratory studies on the emissions from individual plants and the photo-chemistry of the emitted compounds.

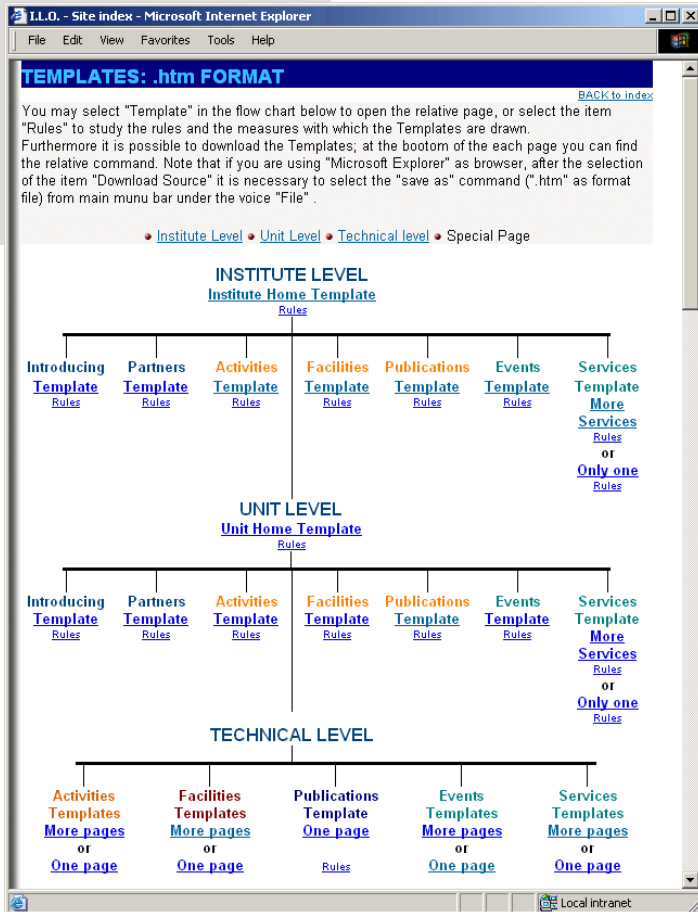
Description of the Project

The objective of BEMA is to compare the contribution of natural and anthropogenic emissions to tropospheric ozone formation over the Mediterranean. The final goal is the up-scaling of the observed emission data from selected experimental sites to the entire Mediterranean basin.

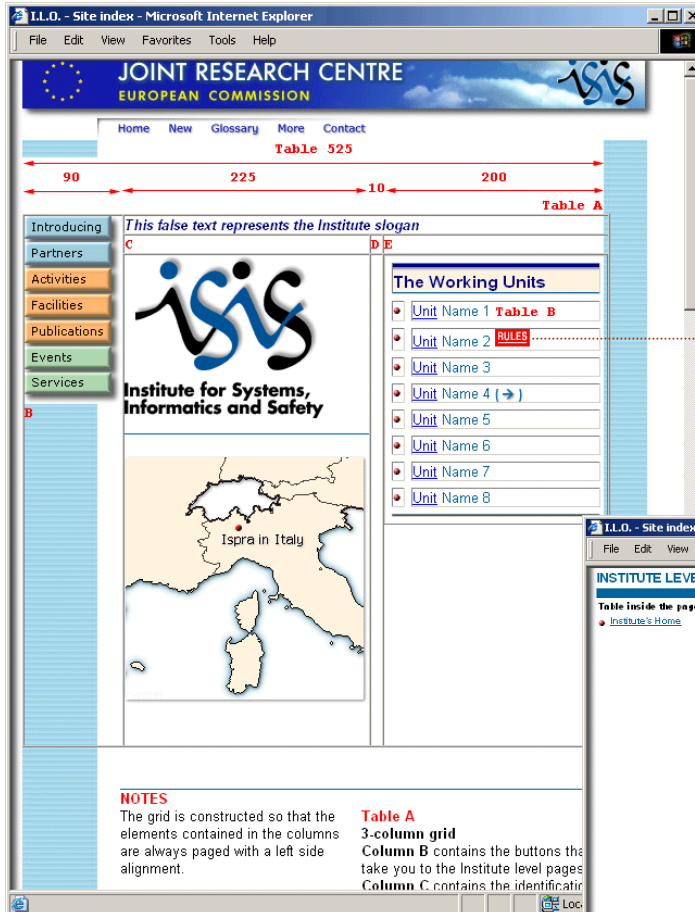
Central to the project is a series of field measurement campaigns at a nature reserve at Castelporziano near Rome (Italy), a semi-natural shrubby woodland site near Montpellier (France), and a citrus grove at Burriana near Valencia (Spain). The campaigns are complemented by laboratory studies on the

Figure : A 15m-high mast equipped to measure fluxes of natural emission, CO₂ and water vapour above the canopy

JRC first version: Tools for web editors



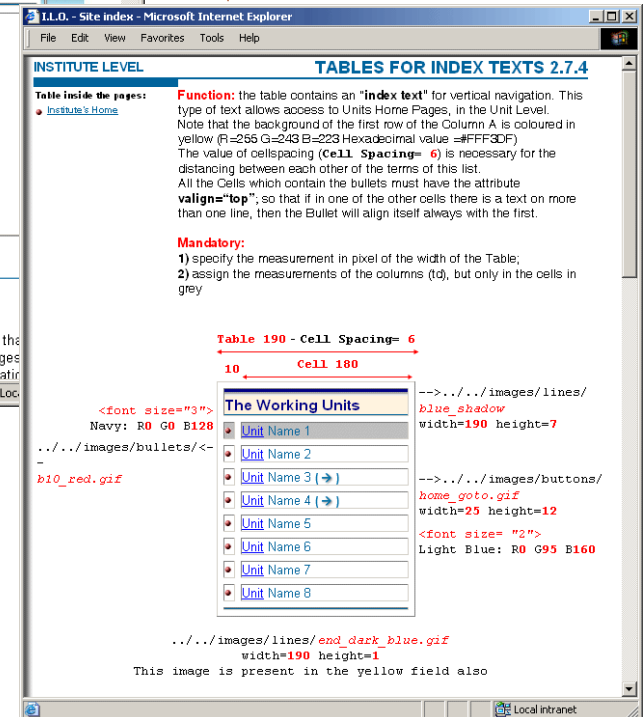
Template pages index



The grid used to layout the Institute home page

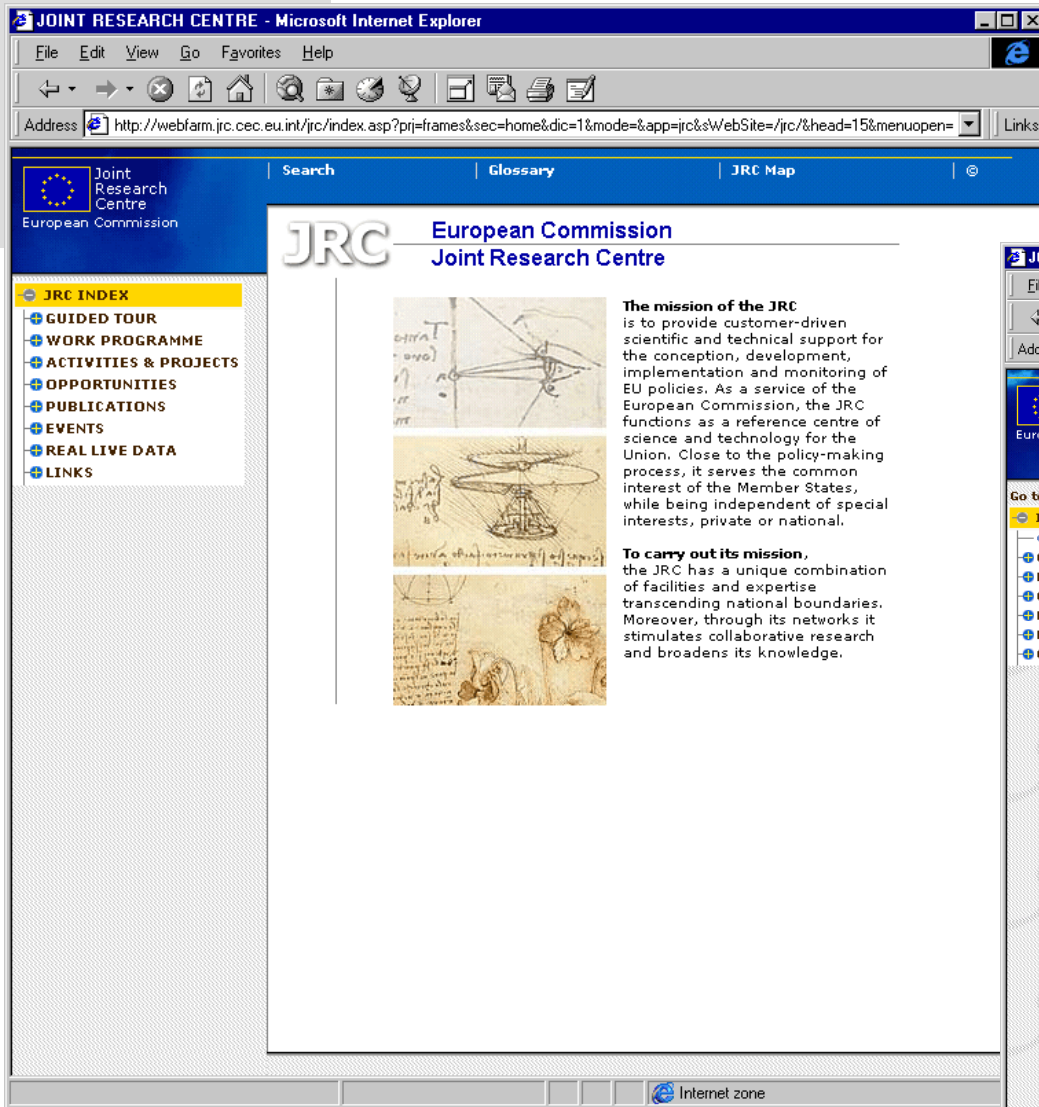
Example of pages from the on-line Hand-book used to produce coordinated web sites

→ [Online hand-book](#)

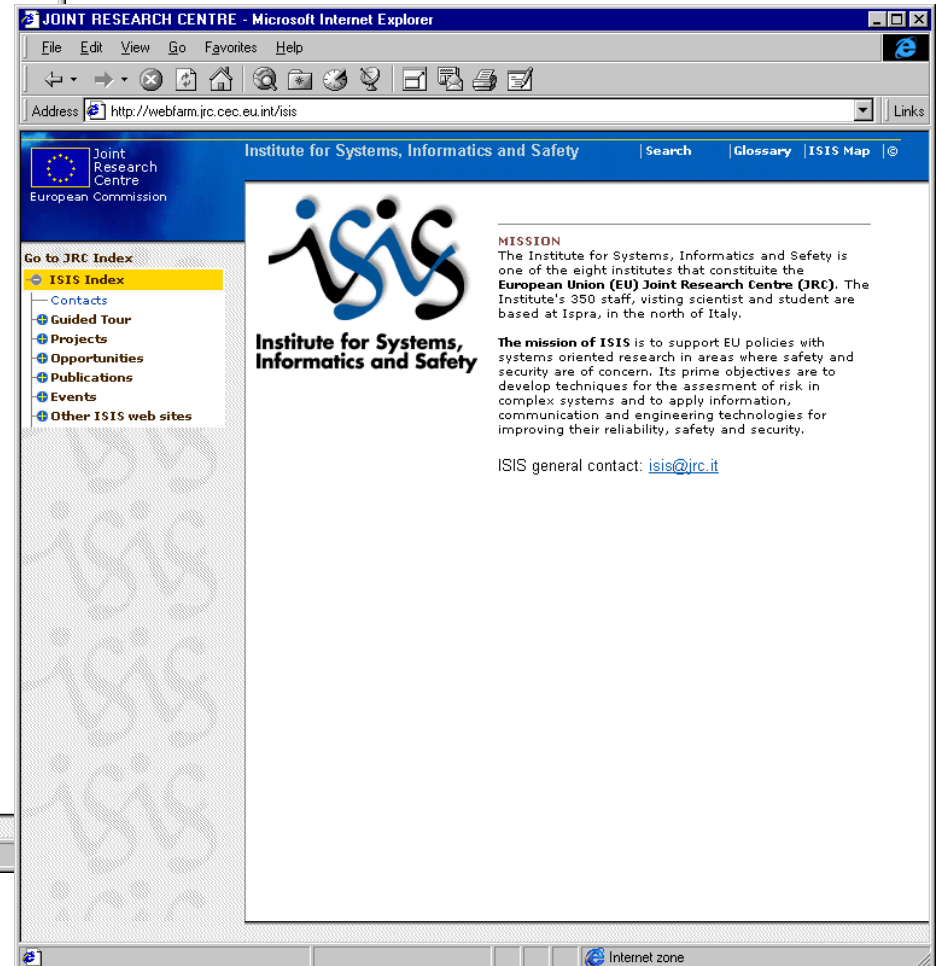


Decription of a page component

The JRC site database driven



The site is build according to the data model for content and metadata. Then site is driven by a database on top of which a home-made CMS was built to provide for the the presentation and data contribution. Creation of graphic aspects and layouts. [Database lists, pdf 31 Kb](#)



1998

Departmental sites using the coordinated layout

The new JRC site database driven: some pages at top level