



Europa
Associates

ARKive

What is ARKive? - ARKive today

Who supports ARKive?

**The ARKive project and IST call 6 – Search
Engines for Audio Visual Content**

What will this funding enable us to achieve?

© B. Wilson 12/12/05 – Europa Associates
Email: - brian@europaassociates.co.uk Mobile : - +44(0)7970 922867



Europa
Associates

ARKive

What is ARKive? - 1

ARKive is a free access data base of
European Endangered Species/Habitats

ARKive is a part of Wildscreen that works
globally to increase the public awareness and
appreciation of the natural world.

ARKive is a centralised and permanent
storehouse of the world's most important
images (films and photographs), sounds and
knowledge, for future generations.

© B. Wilson 12/12/05 – Europa Associates
Email: - brian@europaassociates.co.uk Mobile : - +44(0)7970 922867



Europa
Associates

ARKive

What is ARKive? - 2

- ARKive is a freely available database for everyone: - scientists, researchers, teachers and children
- ARKive has a capacity of 74 Terabytes of data (7,000 P.C.s or 50 million floppy disks!)
- ARKive can store, access and turn information into dynamic web pages.

© B. Wilson 12/12/05 – Europa Associates
Email: - brian@europaassociates.co.uk Mobile: - +44(0)7970 922867



Europa
Associates

ARKive

What is ARKive? - 3

- Major broadcasters, film/photo libraries, leading academic institutions, and individuals, have all realised the value of creating a central safe haven for their material (much being unique), donating their information for free access.

© B. Wilson 12/12/05 – Europa Associates
Email: - brian@europaassociates.co.uk Mobile: - +44(0)7970 922867



Europa
Associates

ARKive

ARKive today - 1

- ARKive was launched in 2003 – the media dubbed ARKive “the virtual Noah’s Ark for the 21st Century”
- ARKive holds profiles on 2,000 species – some 12,500 still images and 2,500 film/video clips. Each accompanied by a scientifically authenticated text.
- ARKive hosts 2 sites especially designed for teachers and children (www.planetarkive.org).

© B. Wilson 12/12/05 – Europa Associates
Email: - brian@europaassociates.co.uk Mobile : - +44(0)7970 922867



Europa
Associates

ARKive

ARKive today – 2

- ARKive hosts 2 sites especially designed for teachers and children – making life sciences and environmental aspects a wildly enjoyable learning experience.
- ARKive offers downloadable briefings, lesson plans and project ideas (especially for children aged 7 to 11)
- ARKive is continually updating and extending the number of animal profiles.

© B. Wilson 12/12/05 – Europa Associates
Email: - brian@europaassociates.co.uk Mobile : - +44(0)7970 922867



Europa
Associates

ARKive

Who supports ARKive? - 1

We have received initial funding from: -

- Hewlett Packard – hard and software, plus technical support)
- UK Heritage Lottery fund – to develop ARKive's infrastructure
- UK New Opportunities Fund – to start work on 500 endangered species

© B. Wilson 12/12/05 – Europa Associates
Email: - brian@europaassociates.co.uk Mobile : - +44(0)7970 922867



Europa
Associates

ARKive

Who supports ARKive? – 2

Scientific supporters include: -

- Sir David Attenborough
- Professor E.O. Wilson – Harvard University
- Dr. Sylvia Earle – National Geographical Society.
- Dr. David M. Jones – Director North Carolina Zoo.
- Dr. Richard Leakey – former Director Kenya Wildlife Service

© B. Wilson 12/12/05 – Europa Associates
Email: - brian@europaassociates.co.uk Mobile : - +44(0)7970 922867



Europa
Associates

ARKive

Who supports ARKive? – 3

Contributors include: -

- Organisations/individuals who have provided their information for free public access.
- British Broadcasting Corporation (BBC)
- Worldwide Fund for Nature (WWF)
- Birdlife International
- EU wide Academic Institutions

© B. Wilson 12/12/05 – Europa Associates
Email: - brian@europaassociates.co.uk Mobile: - +44(0)7970 922867



Europa
Associates

ARKive

Who supports ARKive? – 4

- EU wide Zoological and Conservations Organisations
- EU wide Conservation and Biodiversity Organisations
- Conservation International
- Fauna and Flora International
- The World Conservation Union (IUCN)
- World Conservation Monitoring Centre (UNEP)
- Royal Society for the Protection of Birds (RSPB)

© B. Wilson 12/12/05 – Europa Associates
Email: - brian@europaassociates.co.uk Mobile: - +44(0)7970 922867



Europa
Associates

ARKive

The ARKive project and IST call 6

Search Engines for Audio Visual Content

Key Supporting Influences – 1

- ARKive has funding to maintain the database – IST Call 6 funding will extend the database and enhance access.
- This project supports Countdown 2010 – a Global initiative (signed by EU Governments and the Council of Environment Ministers) to halt the loss of biodiversity by 2010.

© B. Wilson 12/12/05 – Europa Associates
Email: brian@europaassociates.co.uk Mobile: +44(0)7970 922867



Europa
Associates

ARKive

The ARKive project and IST call 6

Key Supporting Influences – 2

Countdown 2010 includes the following activities:

- Develop biodiversity indicators
- Awareness raising.
- Regional and National Actions (each EU member state to drive forward these activities)
- Information and data (the development of a “red list” of threatened flora and fauna).

© B. Wilson 12/12/05 – Europa Associates
Email: - brian@europaassociates.co.uk Mobile : - +44(0)7970 922867



Europa
Associates

ARKive

The ARKive project and IST call 6

What will this funding enable us to achieve? – 1

- Extend/enhance ARKive; initially working with specific EU member states, to develop their own skills and local ARKive data (based on their own environment).
- All this work to be integrated into ARKive, forming part of the further development of this EU and Global Public data base, with enhanced accessibility including multi-search facilities

© B. Wilson 12/12/05 – Europa Associates
Email: - brian@europaassociates.co.uk Mobile : - +44(0)7970 922867



Europa
Associates

ARKive

The ARKive project and IST call 6

What will this funding enable us to achieve?– 2

- Develop a dedicated database on European Animals (especially the 600 endangered species, plus other principal flora and fauna), including collection, assessment, digitisation and presentation.
- We are targeting 1,500 species

© B. Wilson 12/12/05 – Europa Associates
Email: - brian@europaassociates.co.uk Mobile : - +44(0)7970 922867

The ARKive project and IST call 6

What will this funding enable us to achieve? - 3

- Developing and testing new methods of managing, searching and accessing such as large database.
- Developing and testing higher methods of information harvesting, annotation, summarisation, indexing and retrieval of all digital content of this expanded database.

The ARKive project and IST call 6

What will this funding enable us to achieve? – 4

- Investigate and develop ubiquitous and easy access across all types of digital content found in ARKive
- Build upon ARKive's excellent user friendly interface (for the public of all ages and skill levels) including translation and presentation of the database in the principal EU languages.
- Total funding circa €4.5 million



Europa
Associates

ARKive

The ARKive project and IST call 6

The Project Partnership – the Way Forward - 1

1. We already have links with Technology, Education Partners and user groups
2. Project activities will take place across the EU (the project initially envisages 5 EU member states)
3. But we are still looking for Partners to enable us to develop this project further

© B. Wilson 12/12/05 – Europa Associates
Email: - brian@europaassociates.co.uk Mobile : - +44(0)7970 922867



Europa
Associates

ARKive

The ARKive project and IST call 6

The Project Partnership – the Way Forward - 1

- If you would like to learn more about our project
- If you would like to support this project and bring relevant skills and experience

Then please see **Brian Wilson** today or contact me at: -

**Europa Associates. 71 E, School Lane, Shaw,
Melksham, Wiltshire, SN12 8EJ. United Kingdom**

Mobile: +44(0)7970 92286

E-mail: brian@europaassociates.co.uk

© B. Wilson 12/12/05 – Europa Associates