The science centre of 2026 will be ...

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What is the single greatest problem we face in the coming decades?
Climate change?
Plastic in our oceans?
Antibiotic resistance?
Air pollution?
Artificial Intelligence taking our jobs?
No!
There is an even bigger problem
Panamanian golden frog

Extinction rate for amphibians now over 25,000 times background extinction rate
Are We in the Midst Of a Sixth Mass Extinction?

A Tally of Life Under Threat
The International Union for Conservation of Nature has evaluated 52,205 species, depicted here, for their ability to survive. [Related Article]

Each symbol represents 100 species assessed:

**BIRDS**
- 99% of known species assessed
- 8,601 not threatened
- 1,253 threatened: 13% of those assessed

**MAMMALS**
- 85% of known species assessed
- 3,446 not threatened
- 1,138 threatened: 25% of those assessed

**AMPHIBIANS**
- 70% assessed
- 2,767 not threatened
- 1,917 threatened: 41%

Stark Indicators Of Extinction Risks
Because most known species of birds, mammals and amphibians have been evaluated, scientists are confident about the percentage of each group that is threatened.
Insects

Warning of 'ecological Armageddon' after dramatic plunge in insect numbers

Three-quarters of flying insects in nature reserves across Germany have vanished in 25 years, with serious implications for all life on Earth, scientists say.

Damian Carrington
Environment editor

Wednesday 18 October 2017 19.00 BST
Cattle at a feedlot in Summerfield, Texas, USA, Photograph © by Benjamin Grant
“If the 20th century was the century of physics, the 21st century will be the century of biology”

J Craig Venter
The DNA lab that goes with you

PCR Thermocycler
Centrifuge
Gel Electrophoresis
Transilluminator

Pre-Order now
Natural History Museums:

“A nineteenth century solution reinventing itself to address twenty-first century problems”

Kirk Johnson, Director, Smithsonian American Museum of Natural History
KEY CHALLENGE FOR NEXT GENERATION OF SCIENCE CENTRES:

To reconfigure the relationship between humans and the other species with whom we share the planet.
Location: Schloss Nymphenburg, Munich
Unlike the natural history museums of the past, which were usually structured according to taxonomy or geography, BIOTOPIA’s permanent exhibition will focus on behaviours, activities and processes. These ‘Behaviour Exhibits’ will be at the heart of the visitor experience. Each one will explore a specific behaviour and its surprising manifestations in different species – including humans. BIOTOPIA will highlight the interactions and relationships between humans and other species and foster ecosystem thinking.

The environmental consequences of human activities, such as climate change and the loss of biodiversity, will form the second distinct exhibition experience. "Open Labs", where visitors can participate in research and experiments, will be connected to the "Behaviour Exhibits".

At the 'Central Ecosystem Observatory', visitors will be able to explore life sciences research and local and global ecosystems through live media and virtual reality experiences. Other observatories will be distributed throughout the exhibits.

The Kindermuseum will be a special experience for children under six. They will be able to explore the habitats of different animals from diverse perspectives.
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The science center of 2026 will be ...
biological
creative
empathic
transdisciplinary
activist
and ... tasty!
Thank You!

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