

Water, energy and natural resources are not inexhaustible. And the population of the world keeps on growing. In 2050, there will be over **10 billion** of us. How can we meet the food and health needs of everyone?

The interactive guided tour The Essence of Life explains what you can do every day to protect our planet. And it demonstrates how

science and industry are joining forces to find solutions to five major challenges: water, health, energy, food and natural resources.

The Essence of Life has been devised and developed by Living Tomorrow, in collaboration with essenscia, the federation that represents Belgian companies in the chemical industry and life sciences.



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WITH THE PARTICIPATION, AMONG OTHERS, OF 3M, Aqua Solution International, BASF, Bayer, Boss Paints, CabotAerogel, Deceuninck, Dupont, Ecover, Ekol, Evonik, Galactic, Holst Centre, Indaver, Imperbel/ Derbigum, Johnson & Johnson, Kronos, Lanxess, Omniform, Prayon, Proviron, Quadrant, Realco, Recticel, Renolit, Smartroof, Solvay, Soudal, Tessenderlo Group, Total Petrochemicals and Wavin.

Are you a teacher?
Come and discover the interactive guided tour **The Essence of Life with your class.**

BOOKING REQUIRED
Every weekday,
between, 9.00 am and 5.00 pm,
by telephone on 02/263 01 33
e-mail at reservation@livingtomorrow.be.

WHEN?
During the week. The guided tour lasts an hour and a half and starts at set times:
9.30 am, 11.30 am, 1.30 pm, 3.30 pm.

RATES
• Group : 6 € per pupil
Group rate from ten people.
(max. 25 people per group).
• Free admission for an accompanying adult from 15 pupils.



essenscia

LIVING
TOMORROW

Where visions meet


Printed on Forest Stewardship Council paper.

Are you curious?
Come on your own, with your family or with your friends to understand the challenges facing our planet and find out about the innovative solutions developed by science and industry.

WHEN ?
From March to June and from September to mid-December: The first Saturday and the third Sunday in the month

For precise details of times,
consult www.livingtomorrow.be.

RATES
• Group : 9 € | Individuals : 10 €

 **Living Tomorrow**
In the House, the Office and the Creative Industries of the Future,
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For more information:
www.livingtomorrow.be.

www.the-essence-of-life.be

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Are you an Essential?

FOLLOW THE GUIDE...

The Essence  of Life

...and discover how essential your participation is to protect our planet. Together, with the help of science and industry, let us work to build a more sustainable world for tomorrow!



www.the-essence-of-life.be



water

Drinking water is a vital commodity that is unequally shared and available in limited quantities. Every day, thousands of people die because they do not have access to unpolluted water. How can we guarantee everyone access to drinking water? Science and industry have developed technologies that can be used to transport, conserve, purify, recover and recycle water.



energy

In one century, world energy consumption has exploded and the pace at which our planet is warming up has accelerated. Fossil fuels will run out. How can we use less energy and limit climate change? There are solutions to insulate our houses more efficiently, reduce our energy consumption and make use of renewable forms of energy.



natural resources

The reserves of oil, gas, coal and even wood or minerals are finite. Many of the items that are essential for the quality of our daily lives are made from these raw materials. So how can we conserve them and make them last longer, while preparing for the future at the same time? Biotechnologies are opening up new paths, as are the control and responsible management of renewable raw materials.

health

In Europe, life expectancy has increased by 30 years in one century. Progress in medicine, with its new treatments, drugs and vaccines, has made a major contribution to this. But still not everyone has access to health care. And even less so to hygiene and the opportunity to do sport. Thanks to the work of researchers, innovative products are improving our well-being.



food

Just 5% of the surface of our planet is suitable for producing food. With a growing world population, the amount of arable land available per inhabitant is shrinking all the time. How can we deal with the increasing demand for food? There are products that can be used to protect crops and improve their yield. Packaging helps us avoid wasting food.

