

Global Challenges, NL Space solutions



“From space I saw a world without borders.
There are no borders to the possibilities
that space can offer us here on Earth.”

Andre Kuipers



NL Space is in
our daily lives



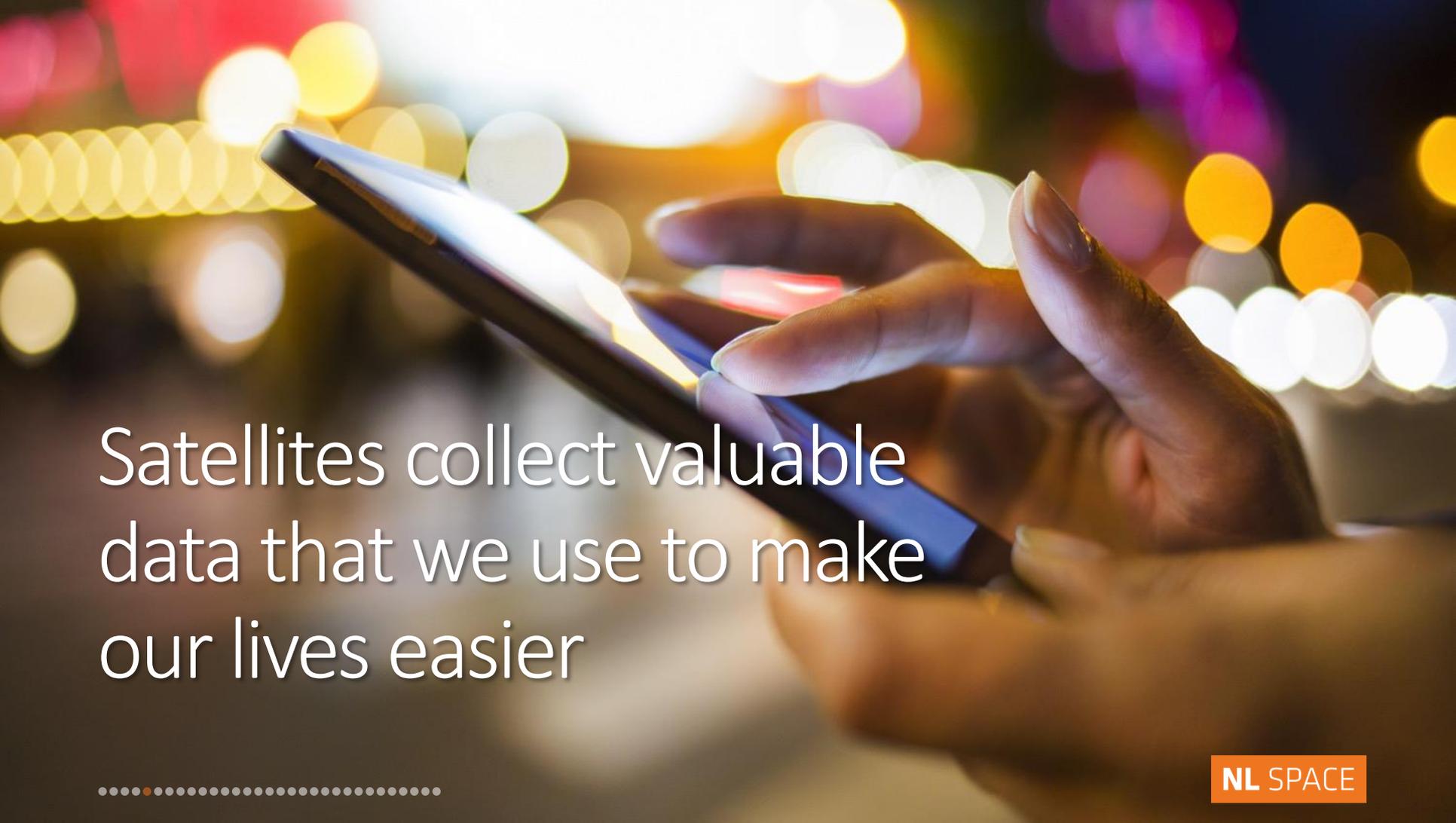
A satellite with large solar panels is shown in orbit above the Earth. The satellite is gold-colored with a central instrument package and several large, dark solar panel arrays extending outwards. A green laser beam is directed from the satellite towards the Earth's surface. The Earth's curvature and blue atmosphere are visible in the background.

NL Space

NL Space represents Dutch space organisations working on science, technology and satellite applications



NL SPACE

A close-up photograph of a hand holding a smartphone. The phone's screen is lit up, and the hand is positioned as if interacting with the device. The background is a soft, out-of-focus bokeh of various colored lights, including yellow, white, and purple, suggesting an urban or festive night setting.

Satellites collect valuable
data that we use to make
our lives easier



An aerial photograph showing a long, grassy dike that runs parallel to a body of water on the left. A paved road follows the top of the dike, with a fence separating it from a green field on the right. In the background, there are several farm buildings and more fields under a clear sky.

Water & Delta

We help to keep your
home from flooding



A satellite image showing a coastal region with a dense network of dykes and waterways. The land is dark brown and green, while the water is a lighter, greyish-blue. The dykes form a complex, branching pattern across the landscape.

With satellite images
we detect the smallest
imperfections in dykes





Our insights about
weather, soil and crops
helps to feed the world

Agriculture & Food

NL SPACE

An aerial photograph of a large green agricultural field. Three red tractors with long spray booms are moving across the field in parallel lines. Overlaid on the field are several dark, parallel lines representing satellite data tracks. The tracks are arranged in a grid-like pattern, following the paths of the tractors. In the background, there is a large, rectangular area of reddish-brown soil, possibly a recently plowed field or a different crop type. The overall scene illustrates the integration of precision agriculture and satellite technology.

Experts from the Netherlands help farmers optimise harvests using satellite data



We guide you to your destination safely

Mobility



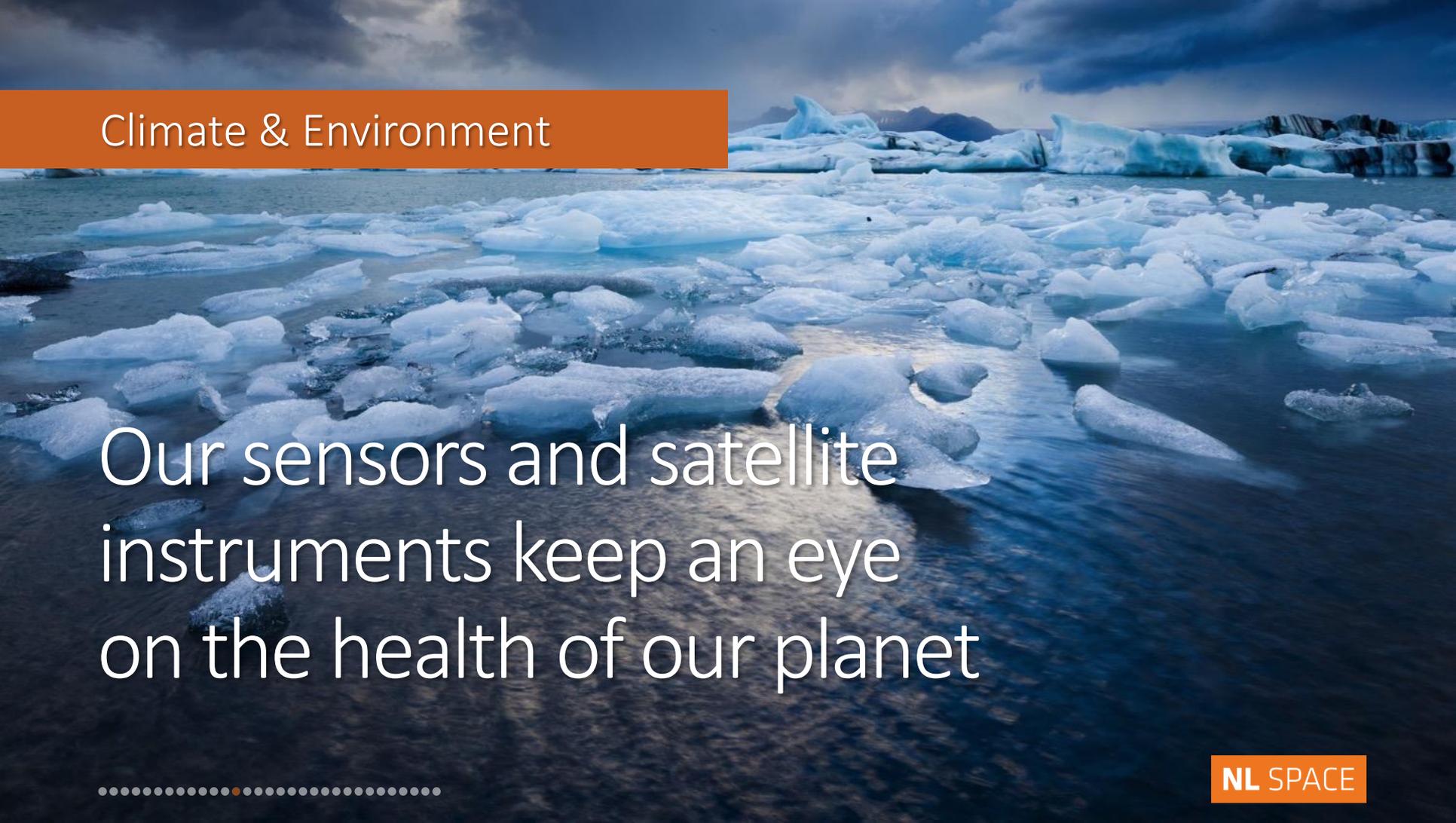
Dutch satellite navigation
escorts hundreds of millions
of people home efficiently





We use satellite data to calculate
the most efficient shipping routes





Climate & Environment

Our sensors and satellite instruments keep an eye on the health of our planet



A night-time photograph of a busy city street. In the foreground, a person wearing a white face mask is walking from right to left, slightly out of focus. The street is filled with traffic, including a white van, a silver car, a dark car, and a bus. A cyclist in a red jacket is also visible. In the background, there are several tall, illuminated skyscrapers under a dark sky. Streetlights and building lights create a warm, orange glow. The overall scene suggests an urban environment with air quality concerns.

Tropomi is a revolutionary Dutch satellite instrument measuring air quality at city level



Dutch space applications detect illegal logging in rainforests



NL Space is a leading supplier
to the European Space Agency

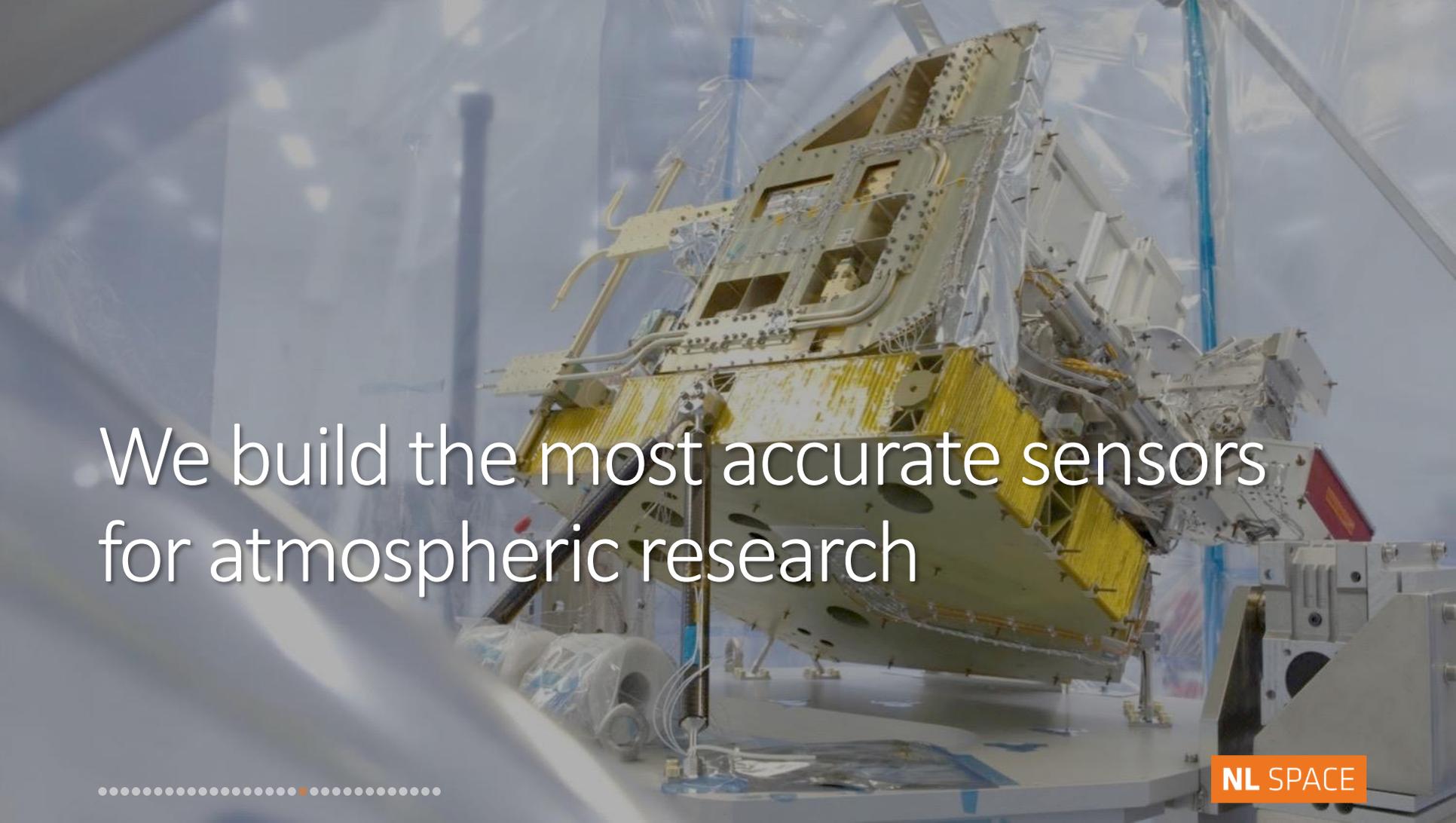


We build critical parts for
Ariane and Vega rockets



The Dutch deliver solar arrays for
65% of all European space missions





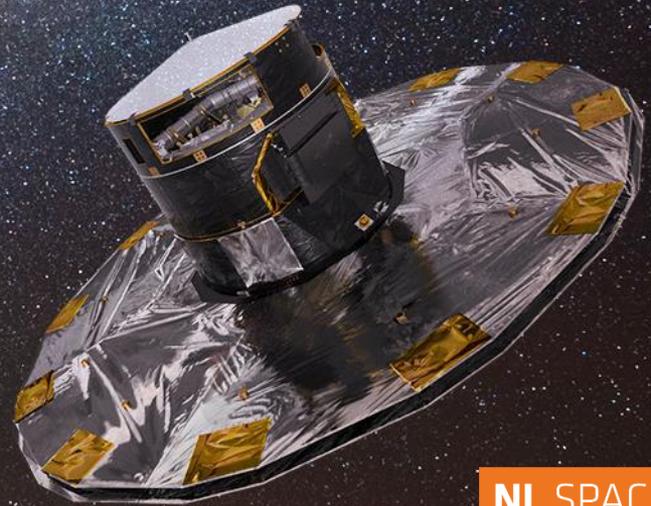
We build the most accurate sensors
for atmospheric research



NL Space stands for world class
science and technology



Scientists and engineers from the Netherlands play a leading role in international space science



A large radio telescope dish is the central focus, mounted on a complex metal structure. It is situated in a vast, flat, arid desert landscape under a clear blue sky. In the distance, several other similar radio telescope dishes are visible, scattered across the terrain. The ground is composed of light-colored gravel and sand. The overall scene conveys a sense of scientific exploration and technological achievement in a remote, natural setting.

Our astronomy heritage provides
know-how for ground telescopes
and space missions



NL Space is a breeding ground
for business and innovation





The Dutch trading spirit attracts
space industry and academic
partners from all over the world





ESA's technical centre, ESTEC
in Noordwijk, employs 2,500
highly qualified people

The Netherlands is home to
startup companies using satellite
data and space technology





Ingenious pioneers apply
space technologies to
many other industries

NL Space inspires
a new generation





Dutch success in space inspires a new generation of scientists and engineers





The young generation
benefits from exciting
opportunities in space

NL Space

Your partner in space

A universe of opportunity

www.nl-space.nl

