

LLI-10 Introducing nature tourism for all **UniGreen**

«Universal Design Principles, Latvia Case»

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Interreg
Latvija-Lietuva

European Regional Development Fund



What is Universal Design?

Universal Design is accessible environment, services, products and information for all people.

definition by Liepaja Society of the Blind

“Universal design” means the design of products, environments, programmes and services to be usable by all people, to the greatest extent possible, without the need for adaptation or specialized design. “Universal design” shall not exclude assistive devices for particular groups of persons with disabilities where this is needed.

UN Convention on the Rights of Persons with Disabilities. Article 2

7 PRINCIPLES OF UNIVERSAL DESIGN

1. **Comfortable use for anyone**
2. **Flexibility in use**
3. **Easy-to-understand application**
4. **Easy perceivable information**
5. **Reduced opportunity for mistakes**
6. **Minimal physical effort**
7. **Appropriate size and space for movement and use**

7 PRINCIPLES OF UNIVERSAL DESIGN:

1. Comfortable use for anyone (EQUITABLE USE)



7 PRINCIPLES OF UNIVERSAL DESIGN:

2. Flexibility in use

(FLEXIBILITY IN USE)



7 PRINCIPLES OF UNIVERSAL DESIGN:

3. Easy-to-understand application (SIMPLE AND INTUITIVE USE)



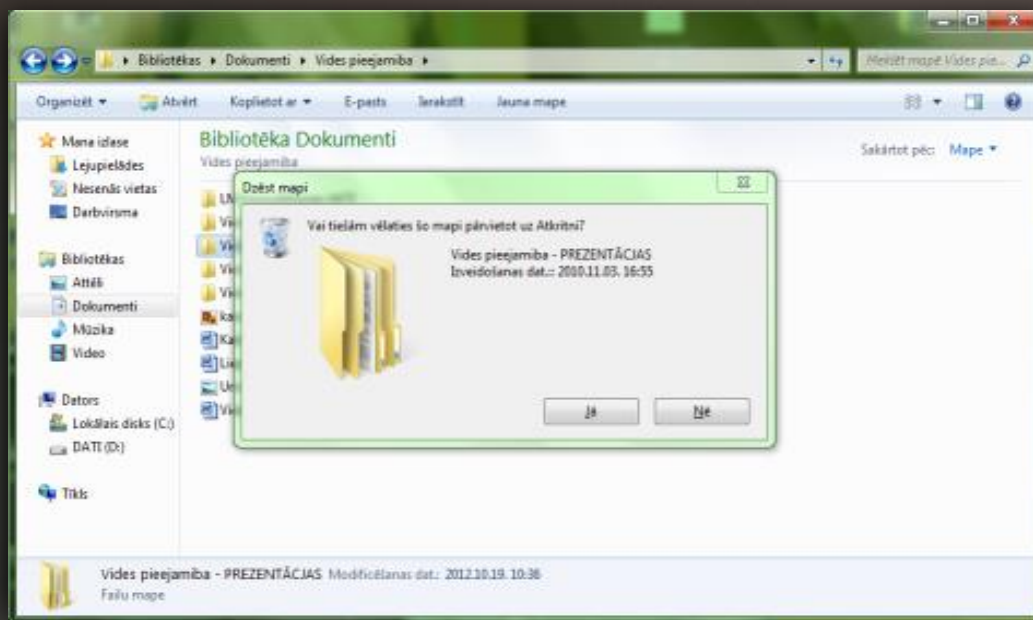
7 PRINCIPLES OF UNIVERSAL DESIGN:

4. Easy perceivable information (PERCEPTIBLE INFORMATION)



7 PRINCIPLES OF UNIVERSAL DESIGN:

5. Reduced opportunity for mistakes (TOLERANCE FOR ERROR)



7 PRINCIPLES OF UNIVERSAL DESIGN:

6. Minimal physical effort (LOW PHYSICAL EFFORT)



7 PRINCIPLES OF UNIVERSAL DESIGN:

7. Appropriate size and space for movement and use (SIZE AND SPACE FOR APPROACH AND USE)



Universal design is invisible ...



...you notice it
when it is not
respected!

**Universal Design does not
interfere with anyone - it
helps EVERYBODY!**

HUMAN VISION IN VARIOUS AGES



20 years



40- 60 years



60 years and more

GOOD VISION



CATARAKTA



GLAUCOMA IN ONE EYE



GLAUCOMA



DAMAGES IN EYE BALL



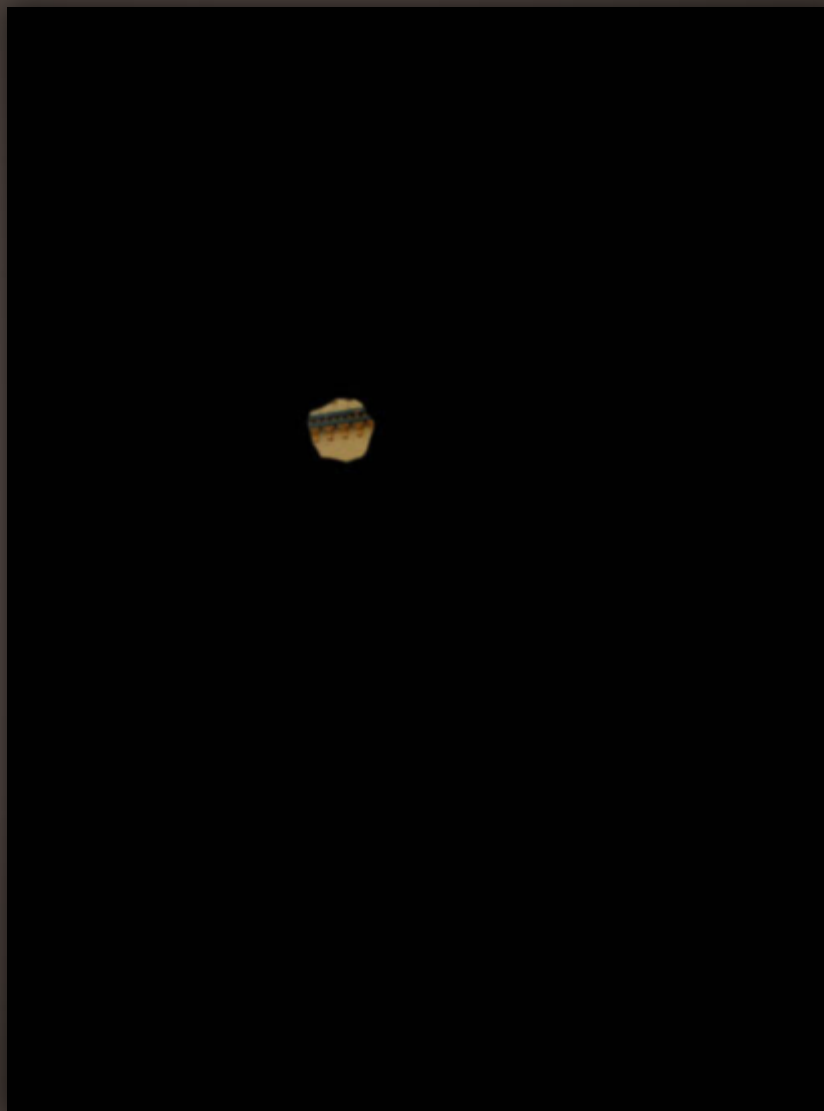
RETINAL DETACHMENT



SIDE VISION



TUNNEL VISION



SIDEWALKS – WHO IS PARTICIPATING IN TRAFFIC?



BICYCLISTS

IEGULDĪJUMS TAVĀ NĀKOTNĒ!

SADARBĪBĀ AR



LATVIJAS REPUBLIKAS
LABKLĀJĪBAS MINISTRIJA



EIROPAS SAVIENĪBA

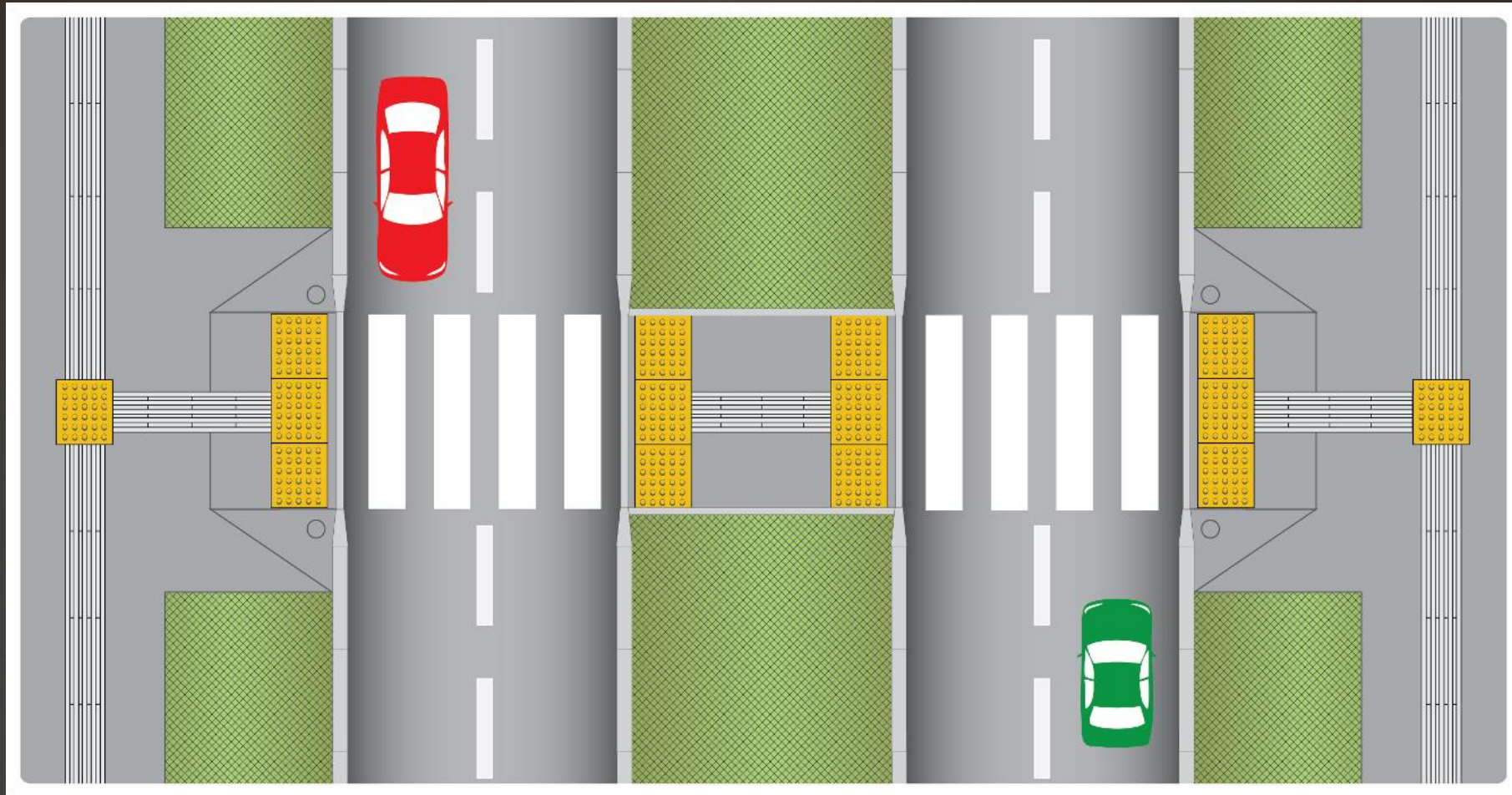
VIDES PIEEJAMĪBAS VADLĪNIJAS PERSONĀM AR FUNKCIONĀLIEM TRAUCĒJUMIEM

(personām ar redzes, dzirdes, kustību un garīga rakstura traucējumiem)



Liepājas Neredzīgo biedrība
Liepāja
2012

GUIDING LINES FOR MOVEMENT



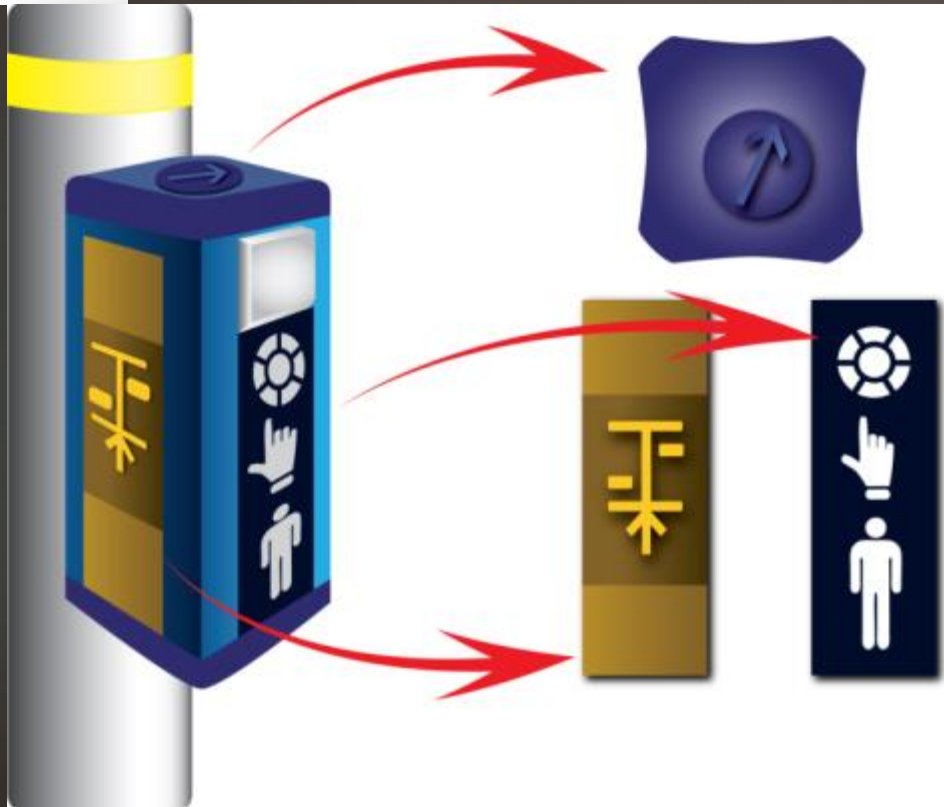
Since 2010, we started to introduce Universal Design of the external environment in Liepaja and throughout Latvia

Orientation in the external environment

STREETS, SIDEWALKS, CROSSROADS

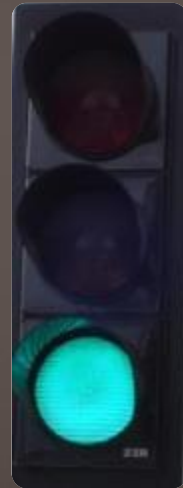


Crossroads, traffic lights



EXTERNAL ENVIRONMENT

TRAFFIC LIGHTS



Accessibility of buses



Accessibility of buses



FURNISHINGS AND EQUIPMENT

- Colors, contrasts, tones
- Walls and corridors
- Floor surfaces
- Equipment and furniture



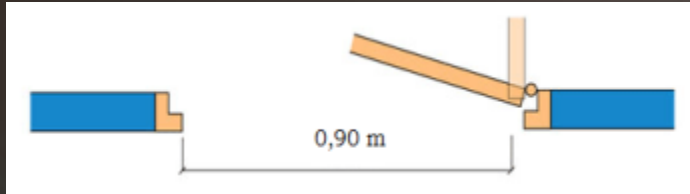
INTERNAL ENVIRONMENT

DOORS AND GLASS WALL



INTERNAL ENVIRONMENT

DOORS AND GLASS WALL

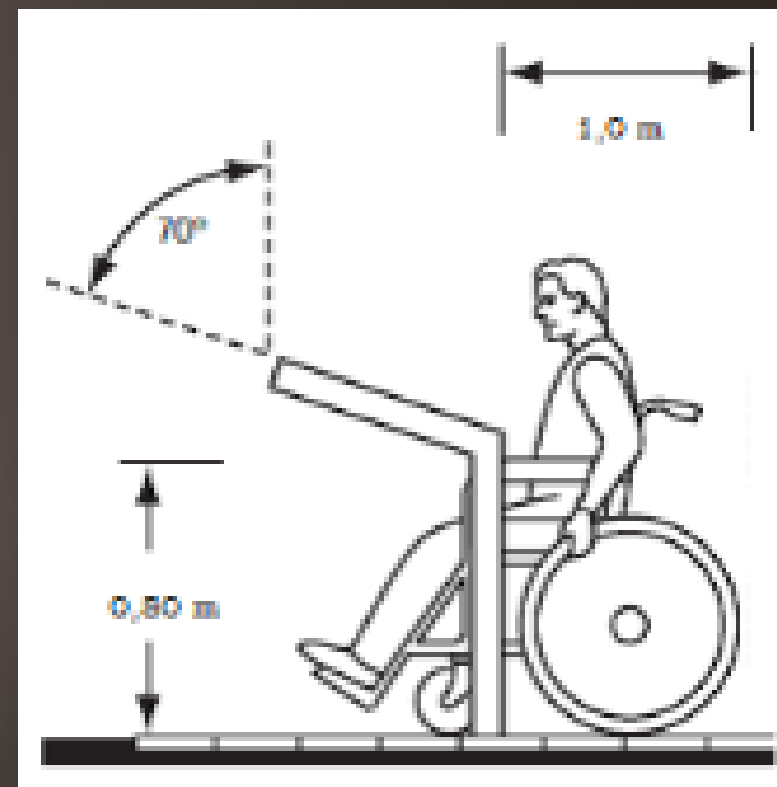


INTERNAL ENVIRONMENT

STAIRS



INFORMATIONAL MAPS



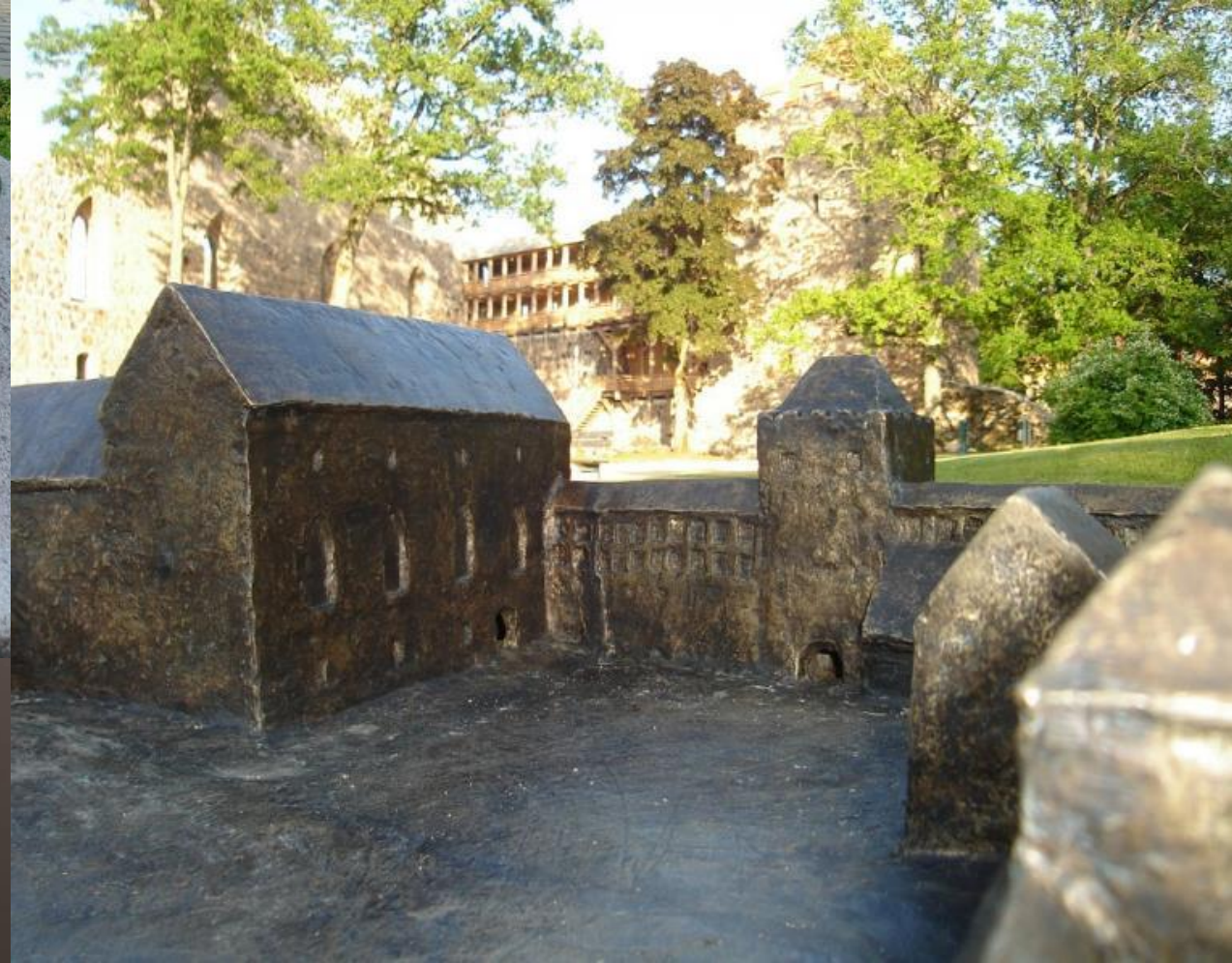
TACTILE MODELS



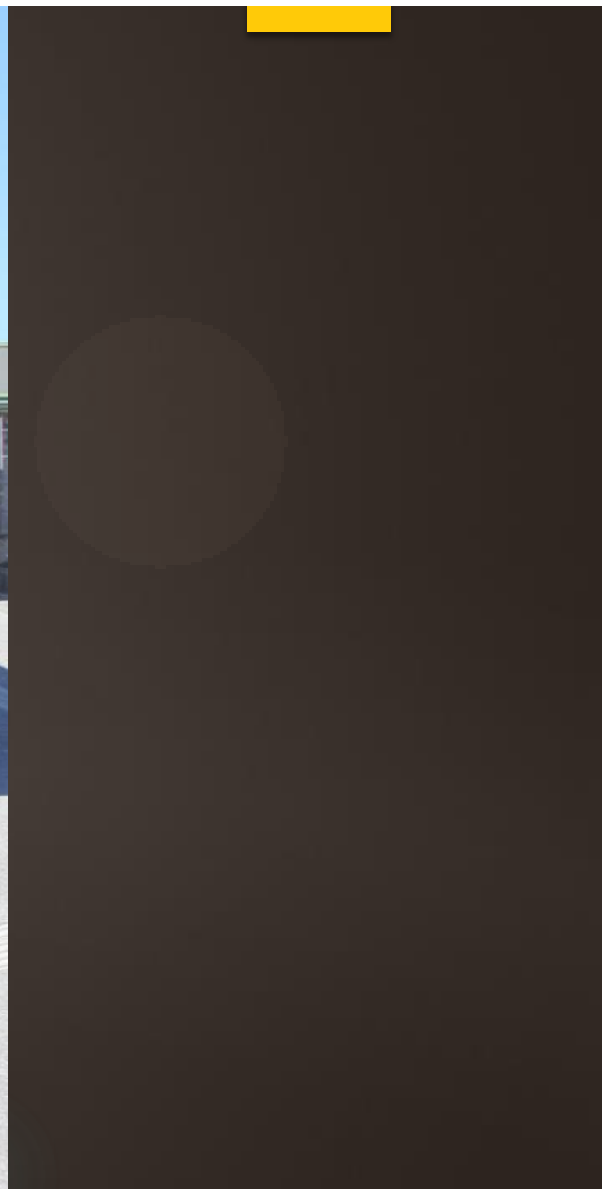
TACTILE MODELS



TACTILE MODELS

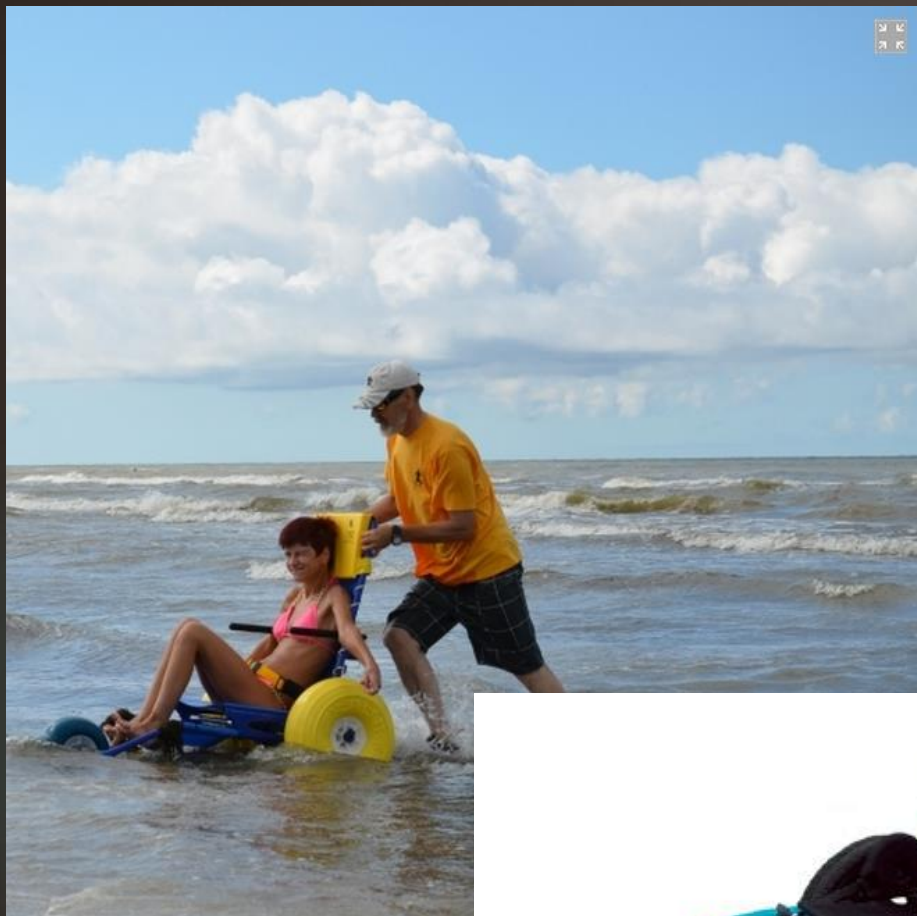


Beach accessibility complex for people with disabilities in Liepaja





Wheelchairs for swimming



Radio buoys - sound buoys



A bracelet that activates sound equipment on the shore





Center of Social Rehabilitation and Cognition for People with Disabilities in the Rural Environment

«SOUL RELIEVE GARDEN»

Residential house in 2011 and 2016



Park of sensations







Barefoot trail



Pond for swimming





**OUR
ANIMALS
AND PETS**



Maze



Outdoor
exercise
equipment



BY CHANGING OUR THINKING AND PERSONAL ATTITUDE - WE WILL BE ABLE TO CREATE THE ENVIRONMENT MORE VIBRANT AND SAFER!

WHAT KIND OF SOCIETY



WE

ARE WILLING TO SEE?



ACCESSIBLE FOR ALL !

**Thank you for your attention
and patience!**



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