

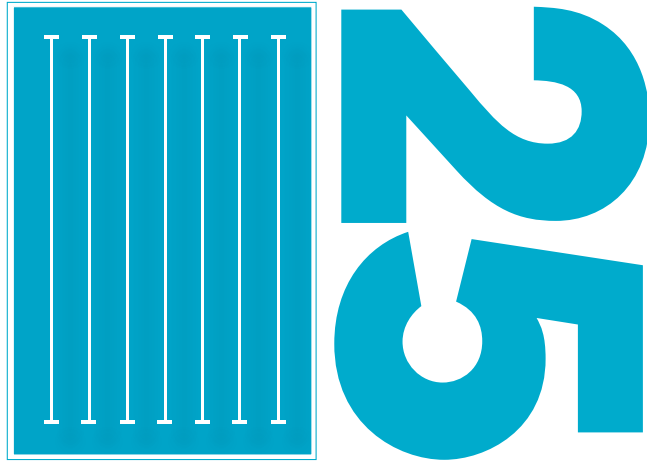
**2021** SMART.  
TRANSPARENT.  
SUSTAINABLE.  
**2521** SIMPLY  
SWIMMING.

founded by



Royal Dutch Swimming Federation





21

OPTIMAL POOL SIZE

2521

SIMPLY  
SWIMMING



Royal Dutch Swimming Federation

**Swimming can play a vital role in society**

**Focus on safety, health and sports**

**Increase importance of swimming**

**Professionalize swim clubs**

**Increase swim water capacity**

**Build smart pools!**

**Minimize costs:**



low capital cost



minimum personnel



low maintainance



low energy

**2521**

**SIMPLY SWIMMING**

**Maximize income:**

**99%**

high occupancy/  
multifunctional



focus on health/  
safety/sport



predictable  
programming



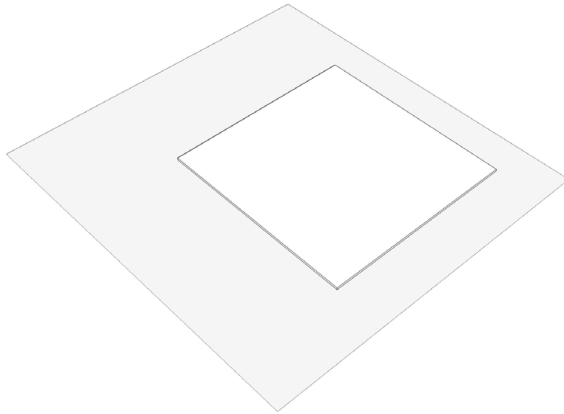
flexibility towards  
changing demand

**2521 SIMPLY SWIMMING: minimize costs, maximize income**



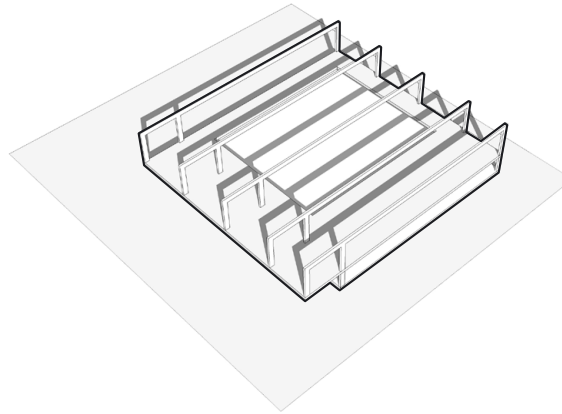
**SIMPLY SWIMMING**  
Deneke

2021



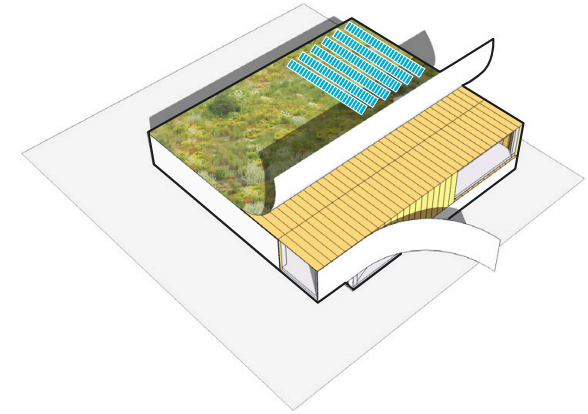
### start on ground level

- no excavation



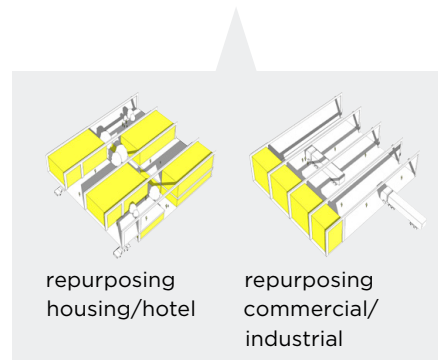
### smart structure

- prefab floor
- steel construction
- repurpose possibilities



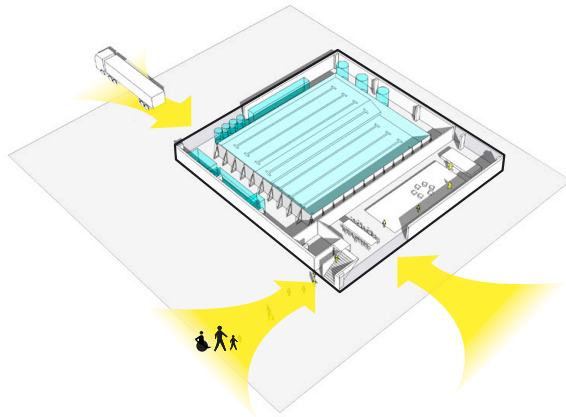
### prefabrication

- less risk
- super high insulation
- intergrated sound absorption



### materialization

- green roof
- integrated solar
- choose your facade

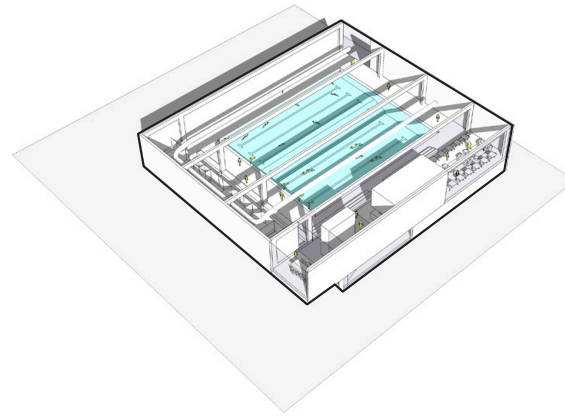


### ground floor

- easy entrance technical area
- accesible for everybody by stairs and elevators
- seperate access commercial spaces

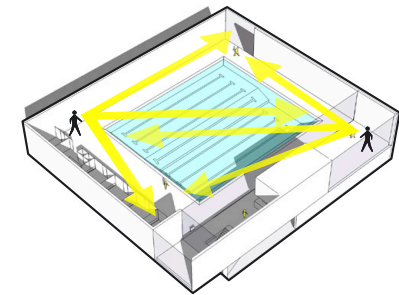
### efficient design

- high quality prefab pool installation space
- extra commercial space
- moveable pool floor
- prefab balancing tanks
- energy efficient water treatment
- alternative disinfection through Watervitt



### 1st floor

- prefabricated changing rooms
- finishing interior in conditioned environment
- prefabricated changing rooms
- air treatment with heat recovery and dehumidification
- user controlled (LED-) lighting and ventilation
- use of naturel daylight



### 1st floor

- excellent supervision of pool area, dressing area and public area
- easy to manage with two people only



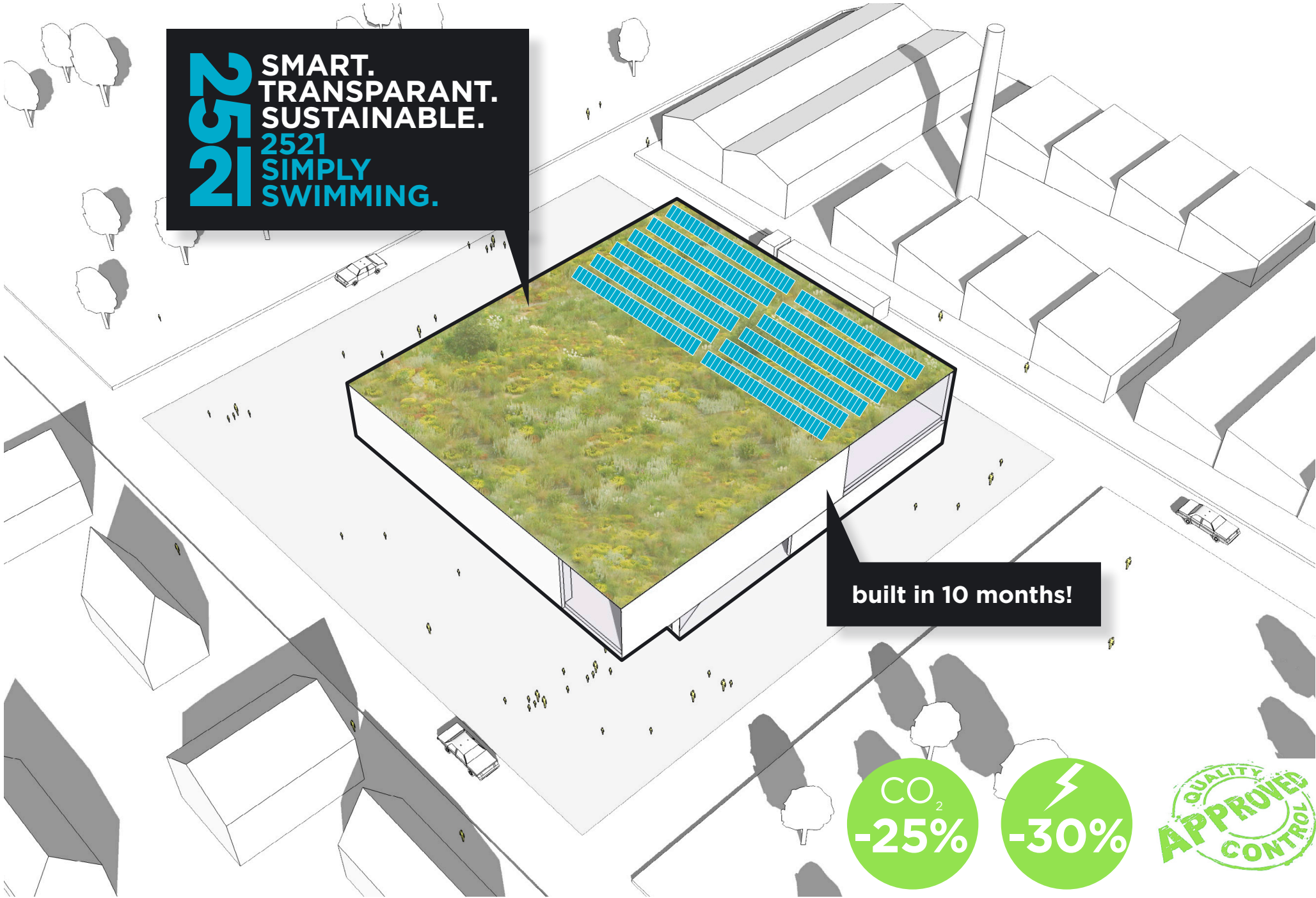
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**built in 10 months!**

CO<sub>2</sub>  
**-25%**

**-30%**

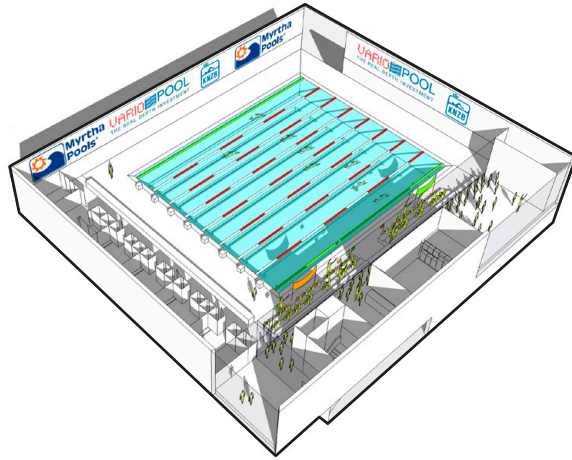
QUALITY  
**APPROVED**  
CONTROL



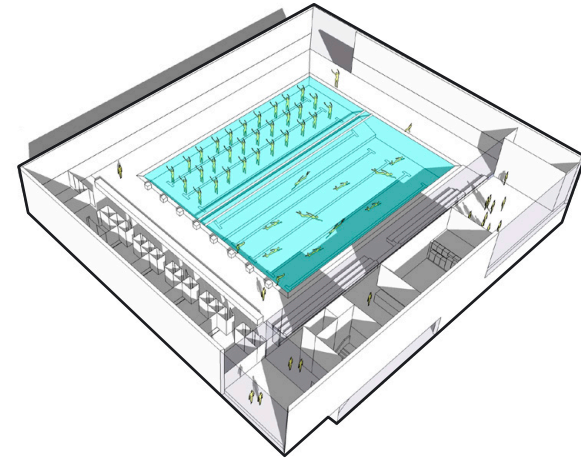


GEWOON  
ZWEMMEN

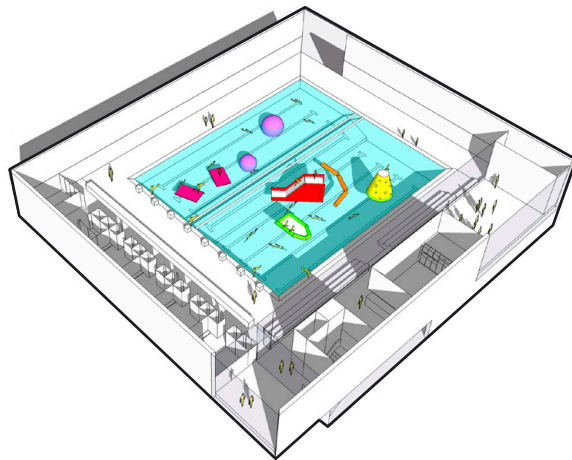




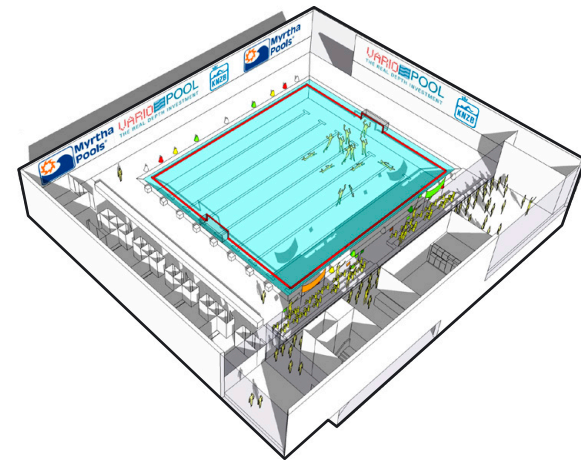
swimming match



swimming instruction/aquarobics  
+  
free swimming

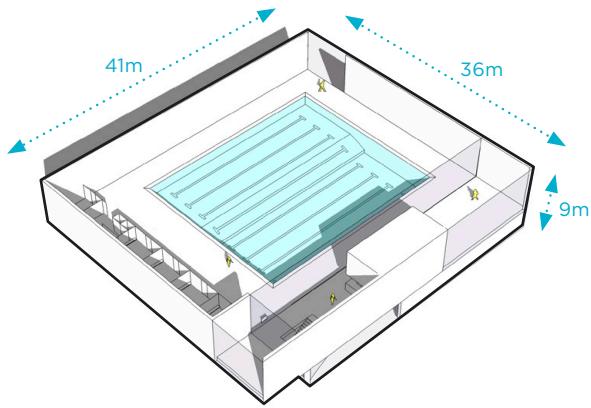


recreational swimming

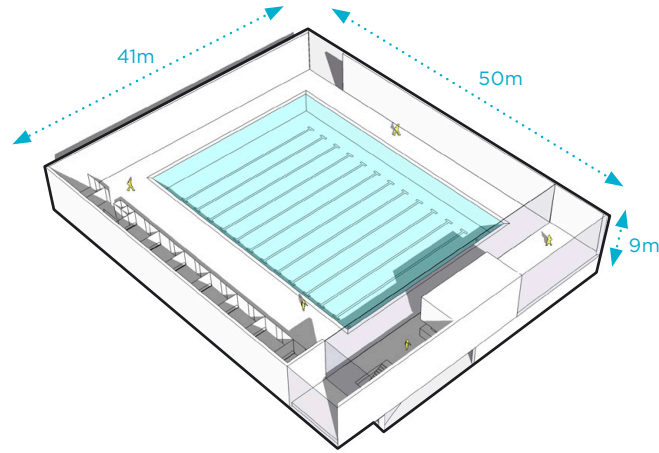


water polo match

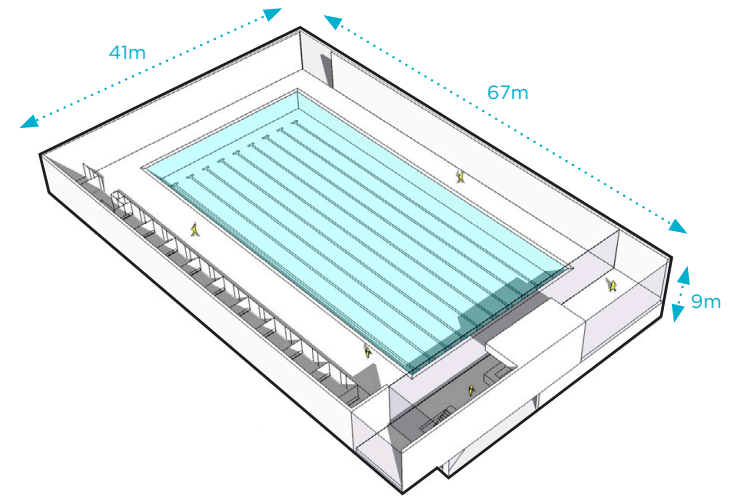
**multifunctional use**



**2521**  
shortcourse



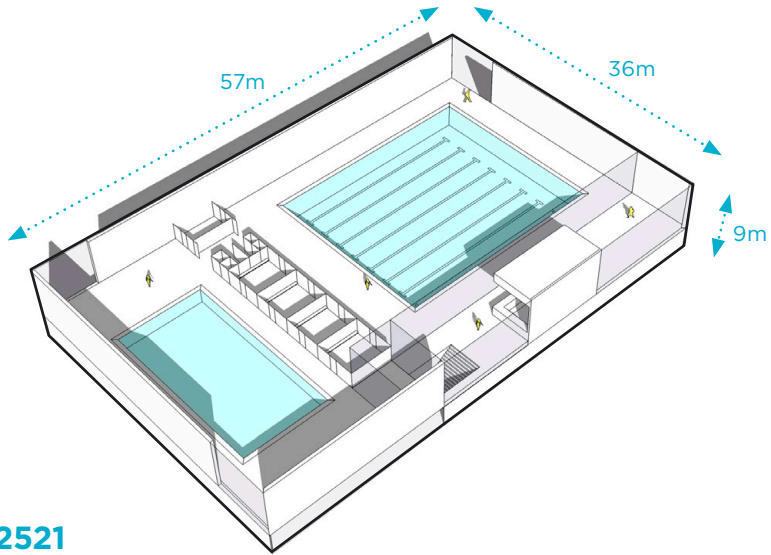
**3525**  
water polo



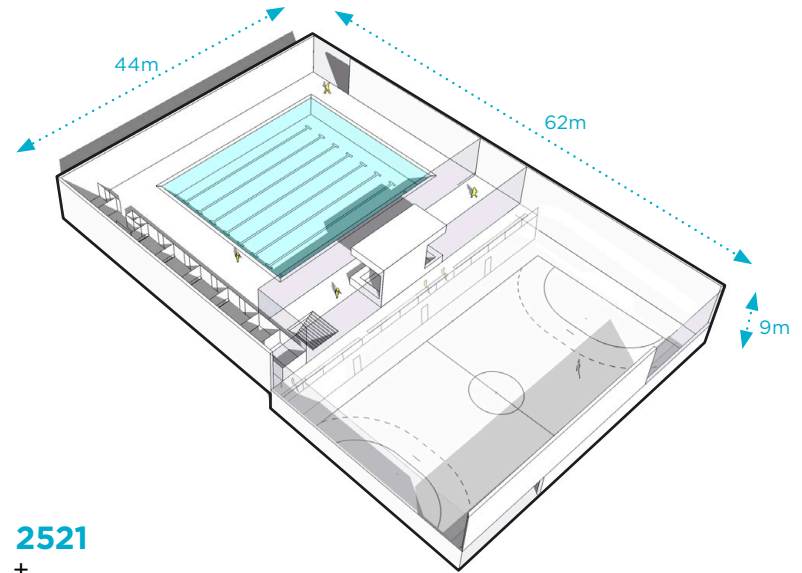
**5021/25**  
longcourse  
competition

scalability

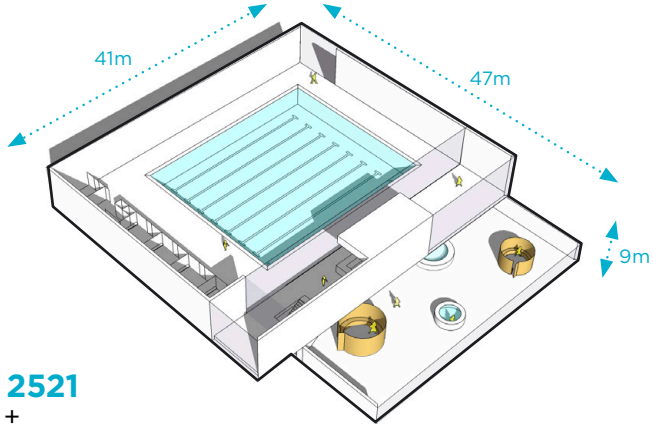




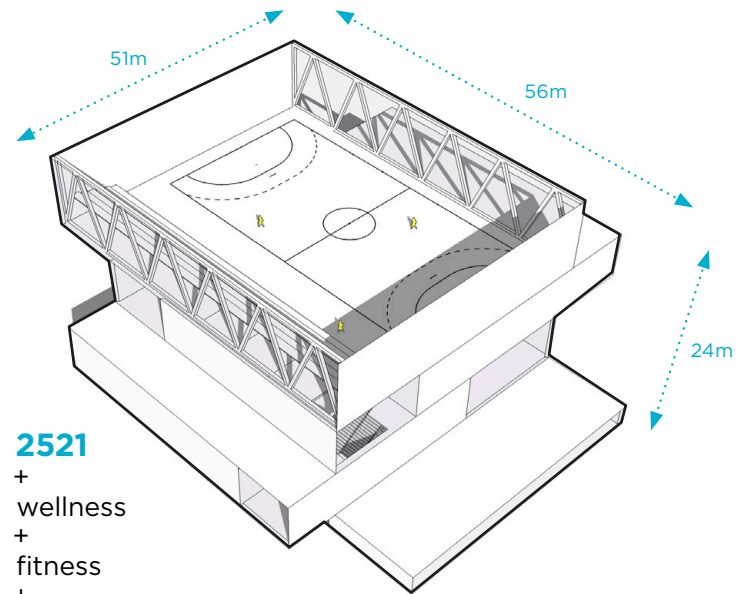
**2521**  
+  
therapy pool



**2521**  
+  
sports hall

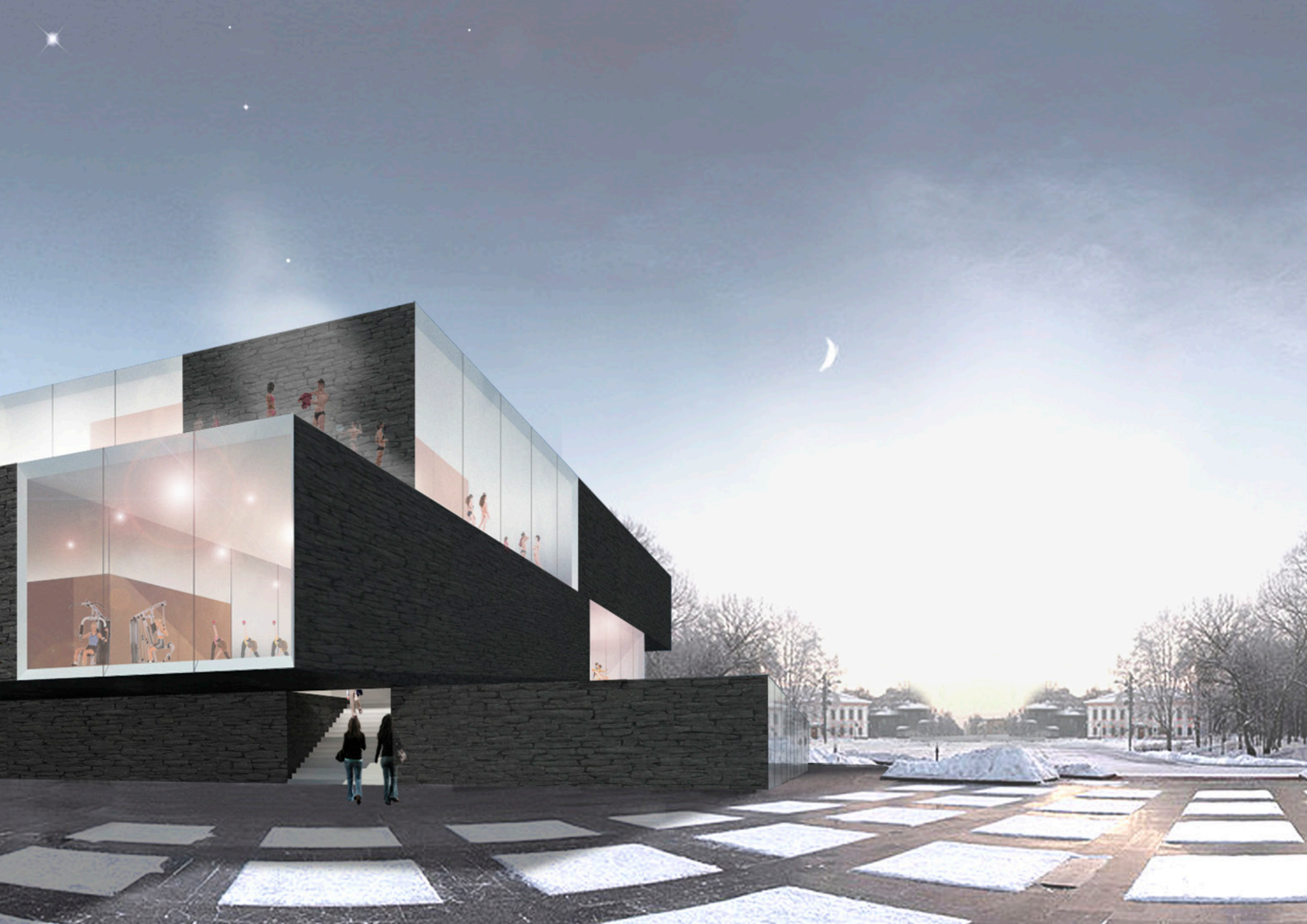


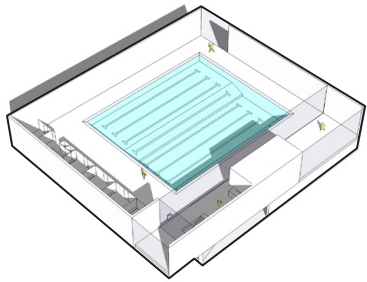
**2521**  
+  
wellness/kindergarten



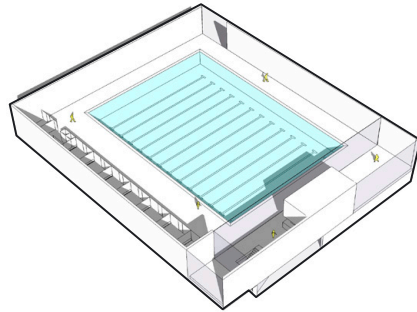
**2521**  
+  
wellness  
+  
fitness  
+  
sports hall

**all combinations possible**

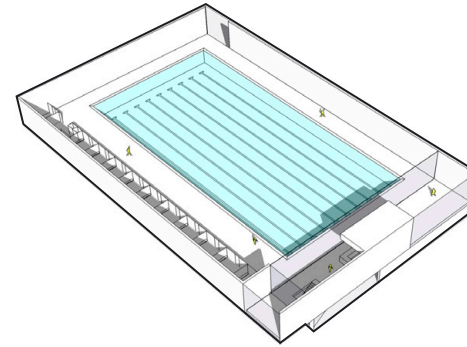




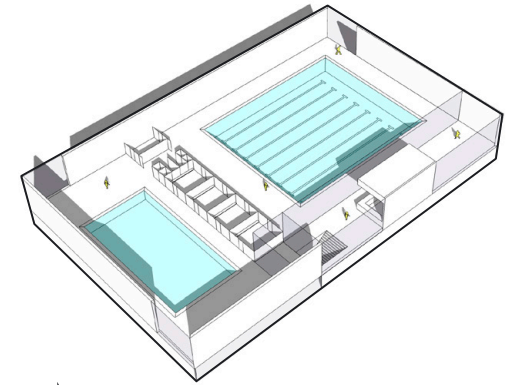
€4.400.000



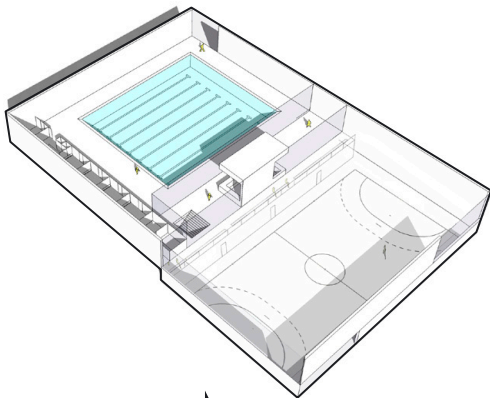
€5.800.000



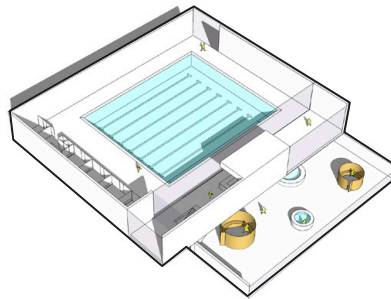
€8.600.000



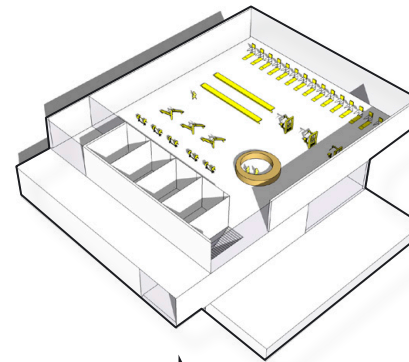
€6.200.000



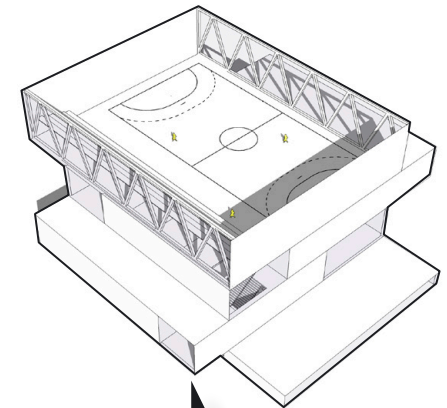
€7.200.000



€5.300.000



€7.200.000



€11.200.000

**These estimates incl.:**

- building
- installations
- fixed provisions
- architect/engineering

**These estimates excl.:**

- VAT
- plot
- infrastructure

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2521  
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SWIMMING.



founder:



koppert+koenis  
architecten

VARIO POOL  
the real depth investment



partners:

