

Primary school with day-care center, Schouweiler (LUX)

Project **New construction of a 3-elementary primary school as well as a children's day-care center**

Client **Community of Dippach (LUX) / public client**

Services **WW+, Esch-sur-Alzette (LUX) / Trier (GER) architecture / open space services according to HOAI LPH 1-9**

Civil eng. TR-Engineering, Luxembourg (LUX)
technical eng. Goblet Lavandier, Luxembourg (LUX)

Photographs Linda Blatzek / Levygraphie (library, foyer, day care)

Facts

- **360 children in the primary school**
- **40 children in the children's playground**
- **studio rooms for music, works, handicrafts as well as an educational kitchen**
- **library attached outdoor classroom / study garden**
- **building in low-energy districts with integrated wood chipping unit**

Dates and numbers

gfa **5.941 m²**

ufa **4.656 m²**

gv **27.818 m³**

net construction c. **11.410.000 €**

total gross costs **15.209.000 €**

start of planning **05/2012**

realisation **10/2013 - 09/2016**

Topographical conditions

The 'Ecole Schouweiler' project lies on a plateau between the church, the scout hall ('Scoutenhome') and the current primary school. Contrary to what its name might suggest, it is a steadily sloping site, exhibiting a height difference of approximately 13m from its northeast boundary, marked by a tennis complex, down to its southwest boundary along 'Rue de l' Eglise'. Perpendicular to this slope, the site also features a rise measuring up to 3m.

Central theme

The initial thought underlying this project is to create a new school campus that fulfils several functions, incorporating a day care centre ('précoce'), a kingergarten ('préscolaire'), a primary school ('école primaire') and an after-school care centre ('maison relais'). Future developments or new constructions to replace obsolete structures are already being taken into consideration and will naturally find their place within the ensemble.

Access

Since the school's current traffic connections, in particular for private transport, are not successful, the entire campus will be newly accessed in future. The new access road will be solely via 'Rue d'Eglise'. 'Rue Tajel' will be raised and extended according to requirements. It is from here that the future parking site featuring a 'Kiss & Go' zone will be accessed as well as the bus platform located parallel to the road. Private and bus transport will be channelled via 'Rue Tajel' past the scout hall and via the new residential area ('lotissement') onto 'Route de Longwy' (N5). This means the children get to enjoy a school route that has no crossings and is consequently safe. The new school building takes its bearings from 'Rue Tajel' and in its floor structure follows the natural landscape of the site. The north of the building marks the entrance for the primary school ('école primaire'), while the south features that of the day care centre ('précoce').



