

Drammen Science Park, Norway

shell in motion

The main target of the kiosk design is creating a new approach to community's coffe life with diffrent functions: coffee kiosk, exhibition center and breathing space for city dwellers

To illustrate and control this approach on different seasons, the shell is designed i motion by a manually- controlled roller system.

The sliding motion in vertical direction provide design a flexible usage in both winter and summer terms with their adjustable panels which are useful to create open air exhibition, while the sliding roof on shell provide horizontal extension which is using special events and resting area. In the first case, the shell is located on ground floor and roof is sliding on adjustable panels which are provide new event space apart from kiosk (see figure.x). In the second case, rising in vertically creates new volume under shell used as especially coffee production zone. Hence the ultimate design allow the visitors to take part in these whole process conducted on coffee bean from bean to cup.

Another prominent target of this design is creating a breathing shell working under negative pressure zones providing natural ventilation. Also, partially use of etfe on shell material helps the kiosk environmental control between indoor and outdoor spaces when the kiosk is located on ground floor. The open-ended part o project includes connection aglea system and water collector system on its roof to supply its self energy required to lighting system and reduce the overall energy consumption.

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