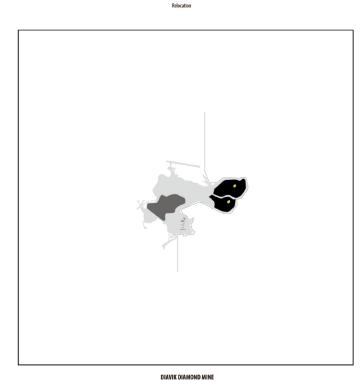


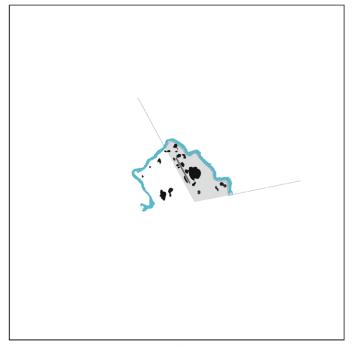




Sweden, White / Ghilardi+Hellsten Arkitekter AS

HEIMAEY ISLAND Iceland, Lava-Cooling Operations Defence





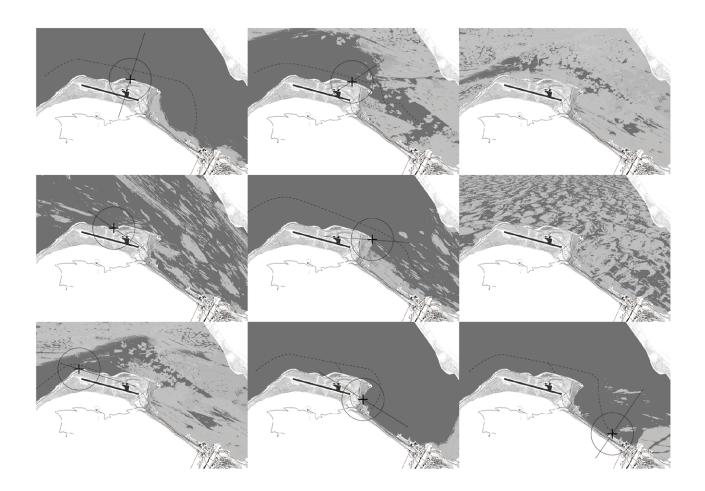
Canada, Huge water retention dikes were constructed to safeguard mining facilities and accomodations. Reinforcement



Tomorrow is not promised
Abstraction

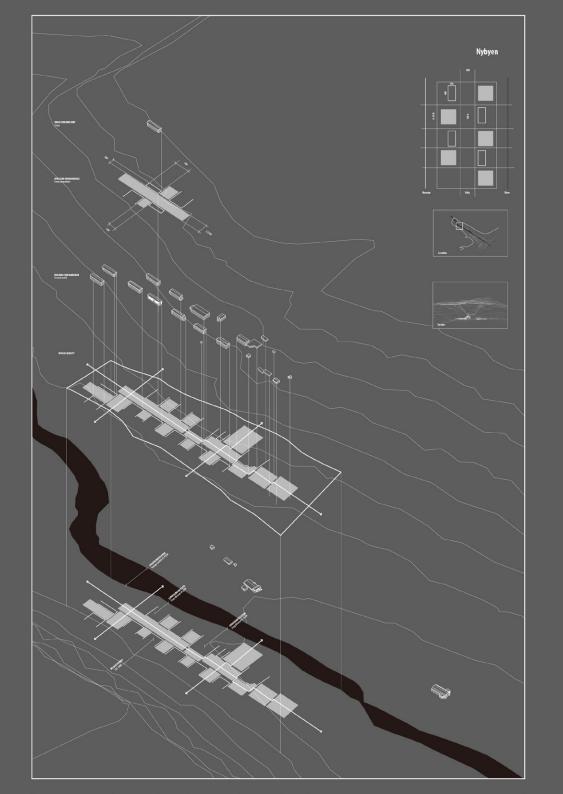
vulnerable Houese and roads
78°13′N 15°33′E

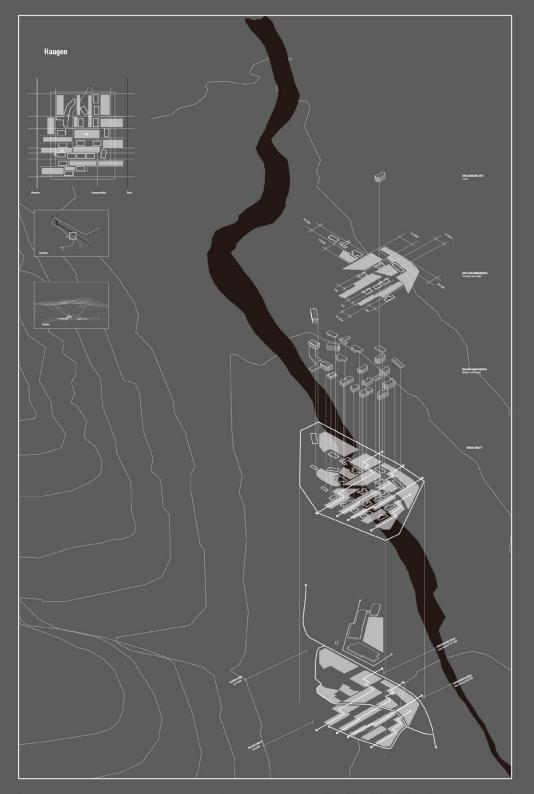
Month	Activity	% of total	Determination of Existing ADPM
January Febuary March April	3000 6000 12,000 12,000	2,58% 5.17% 10.34% 10.34% 12.91%	Peak month activity = 16,000 Average day activity = 516.129 (16,000 / 31 days)
May June July	14,980 12,000 12,000	10.34% 10.34%	Determination of Forecast ADPM Forecast annual activity = 20,800
August September October	16,000 10000 8000	13.79% 8.62% 6.89%	Forecast peak month activity = 27,58 (20,800 x 13.79%)
November December Anual total	6000 4000 115.980	5.17% 3.44% 100%	Forecast average day activity = 671 (20,800 / 31 days)

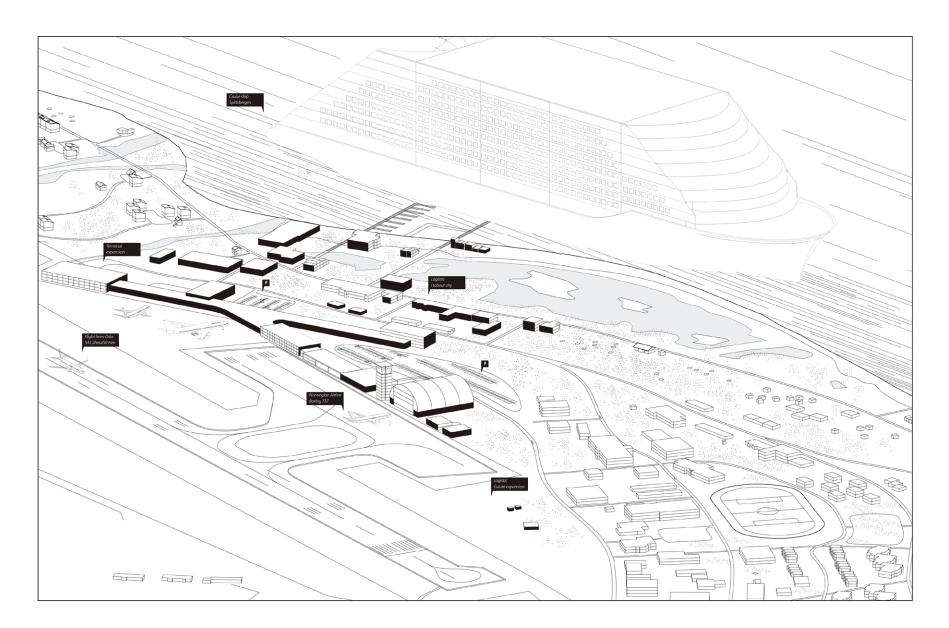


ICE BREAK PATTERNS AND HABOUR SITUATIONS

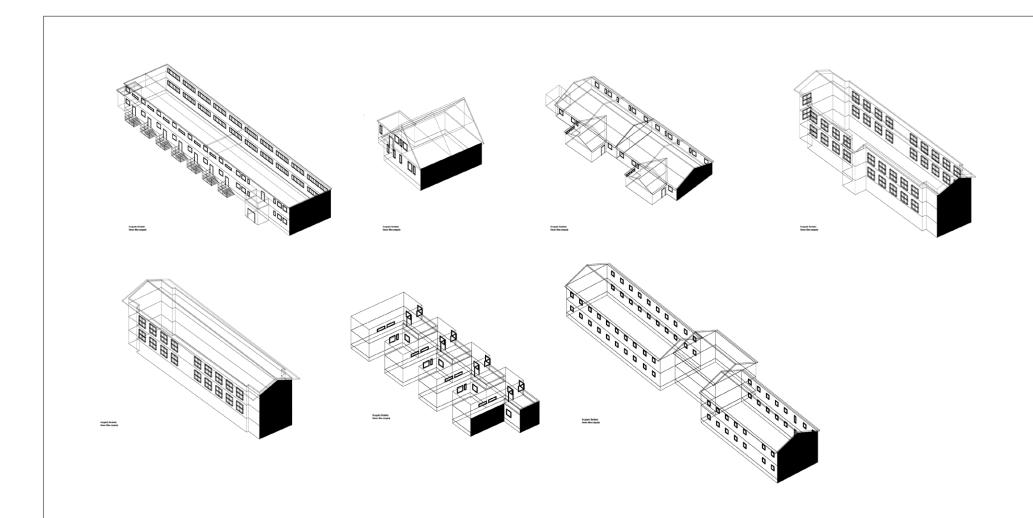
In the winter time, the isfjord will frozen from the inner side of the longrearbyen vally. different ice frozen and break situations, configuration and formation shows the ideal location for future habour, ensuring all year round cruising activities.



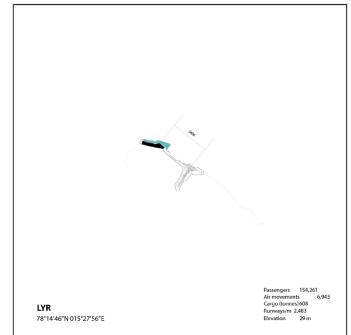


















ZRH

Dispers non-oprational area

Low accessability

Island(Remote) terminal



LGWDispers non-oprational area
Airport cities around the Airfield



OSL

Terminal domained by airfield

Airport city confined by airfield

Transit within terminal

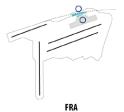


VIE

Alternative development of runway

Linear airport city

Transit within terminal



Highly interchange AirRail Terminal Sky city



AMS

Distributed across territory

Distributed over several site of the platform



BCN

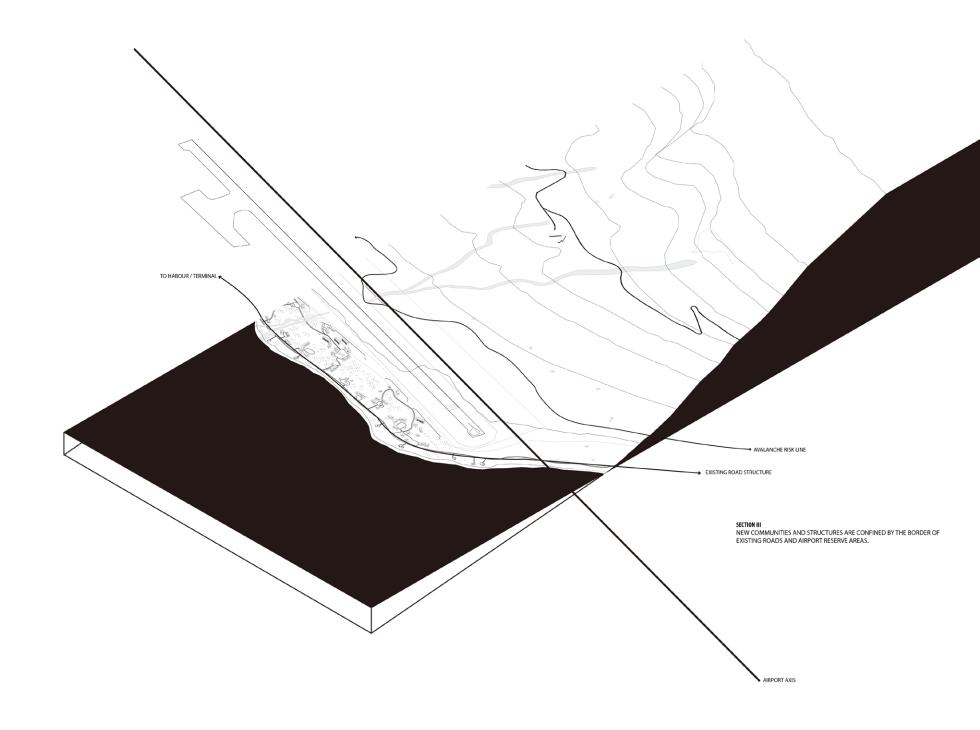
Compact Airport city

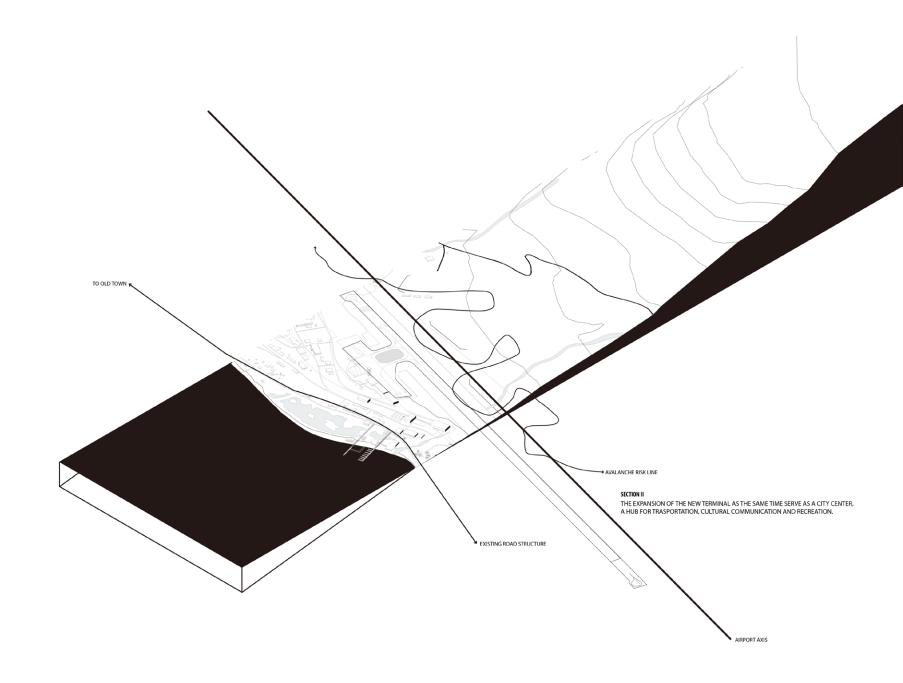
Compact and concentrated

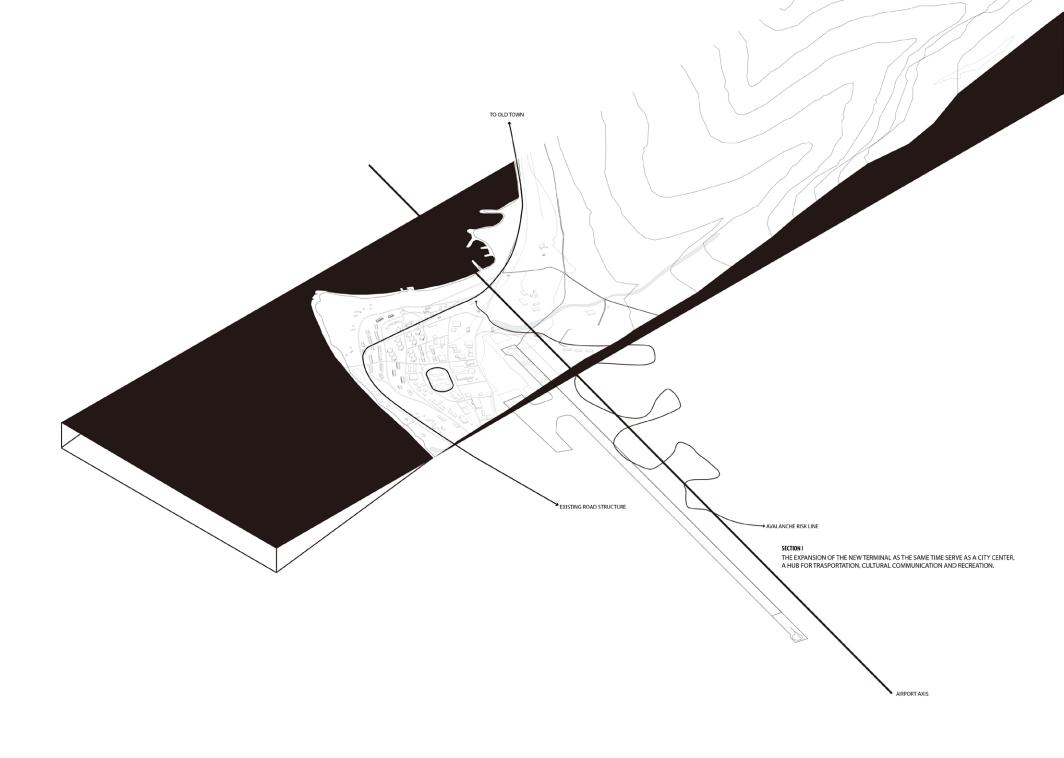


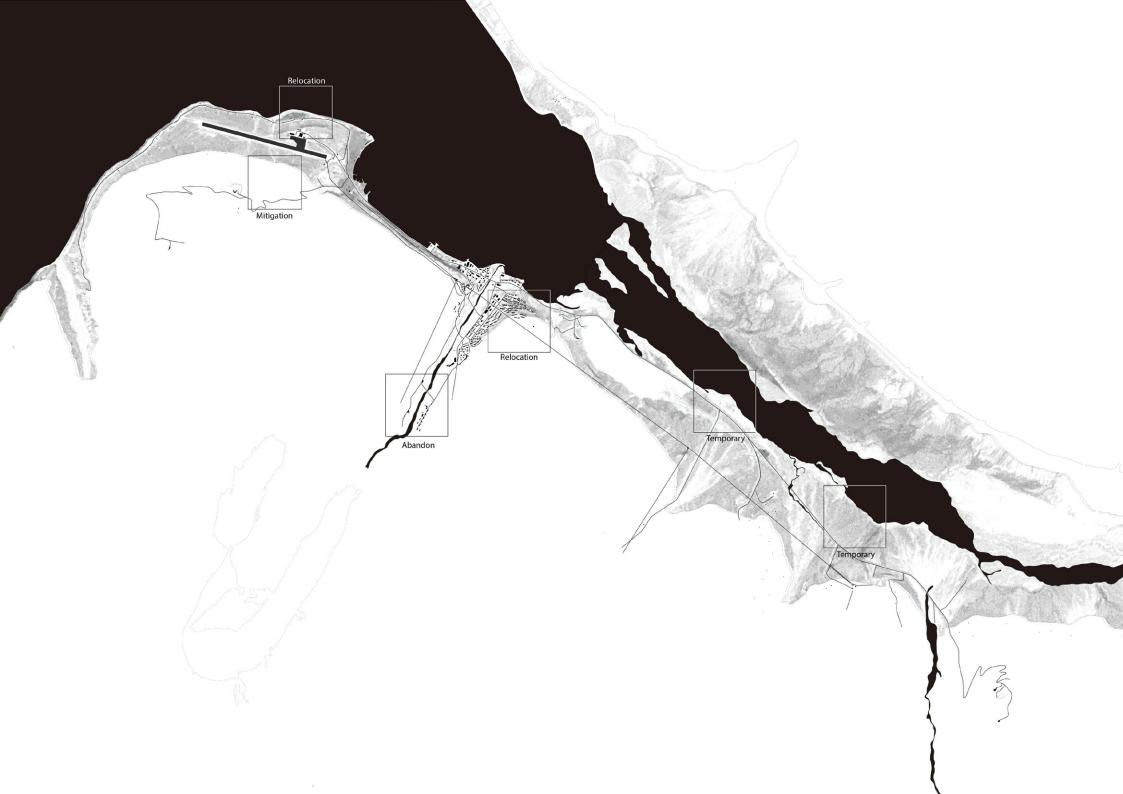
ARN
Designated logistic area
Areas for airport-related logistic and business activities
Being developed with collaboration

AIRPORT CITY PATTERNS

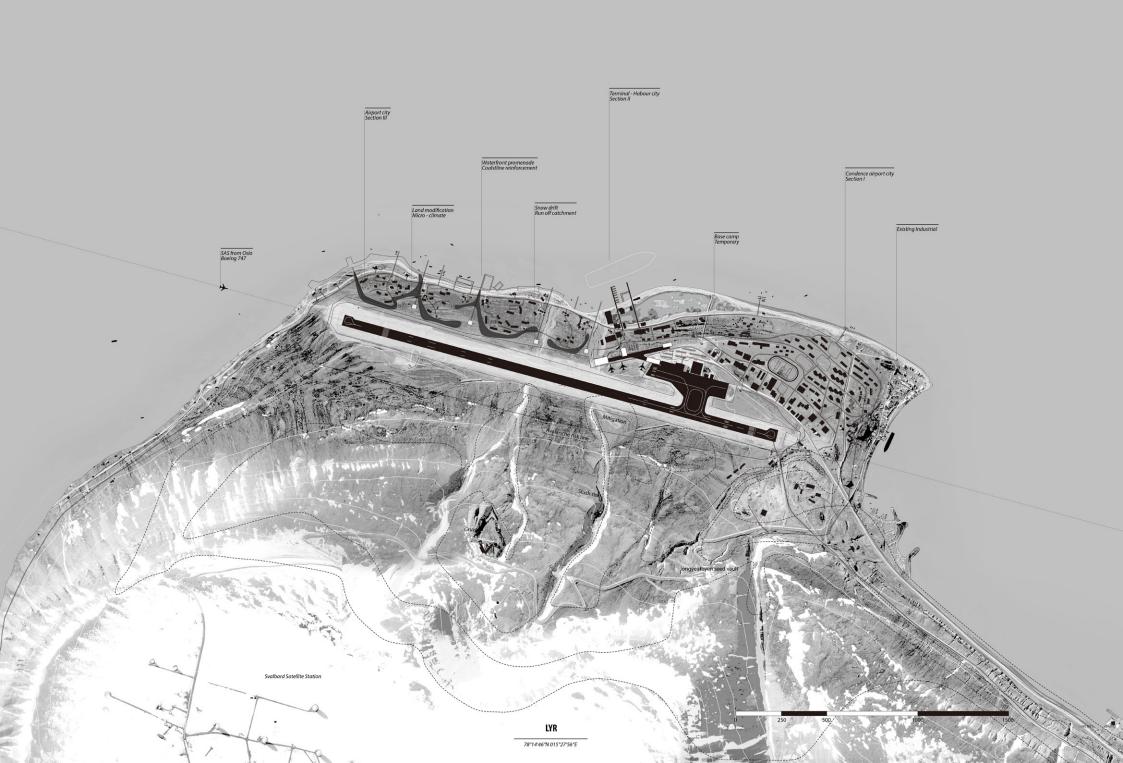


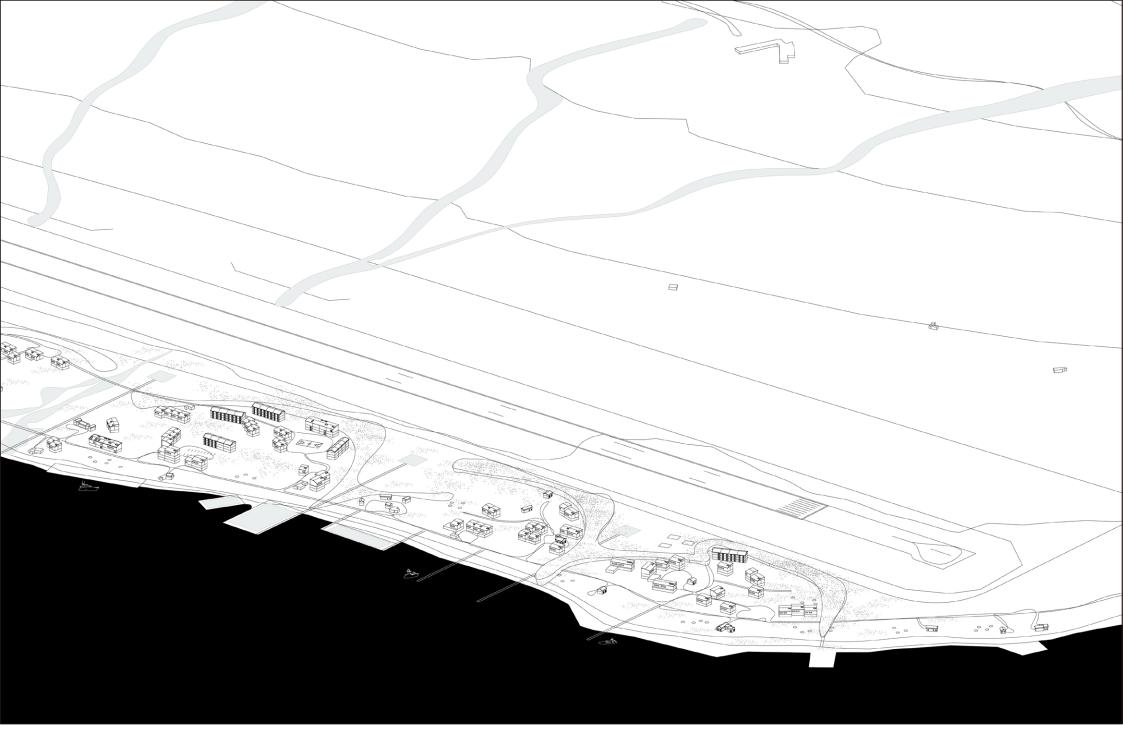


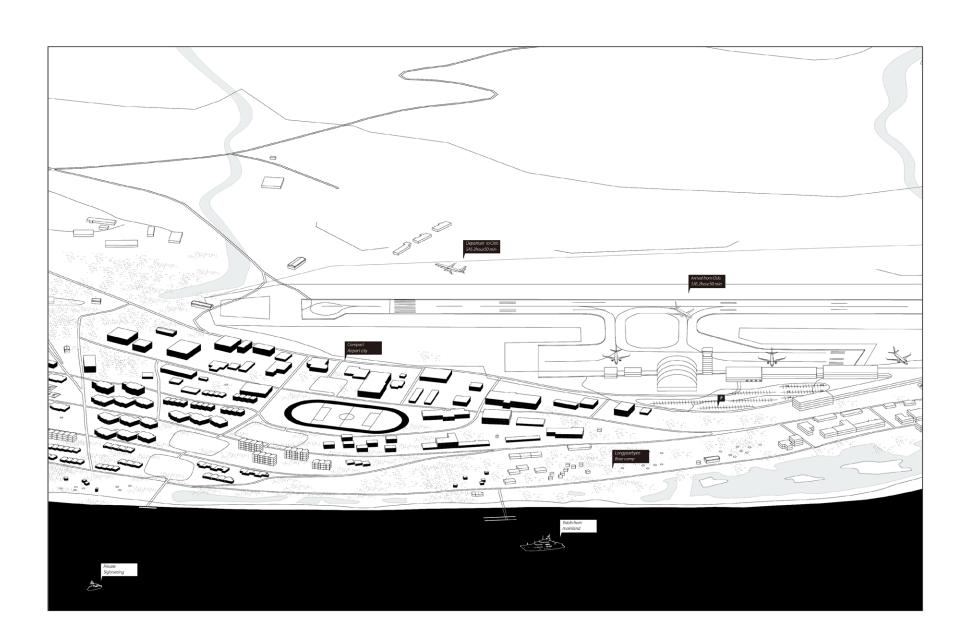


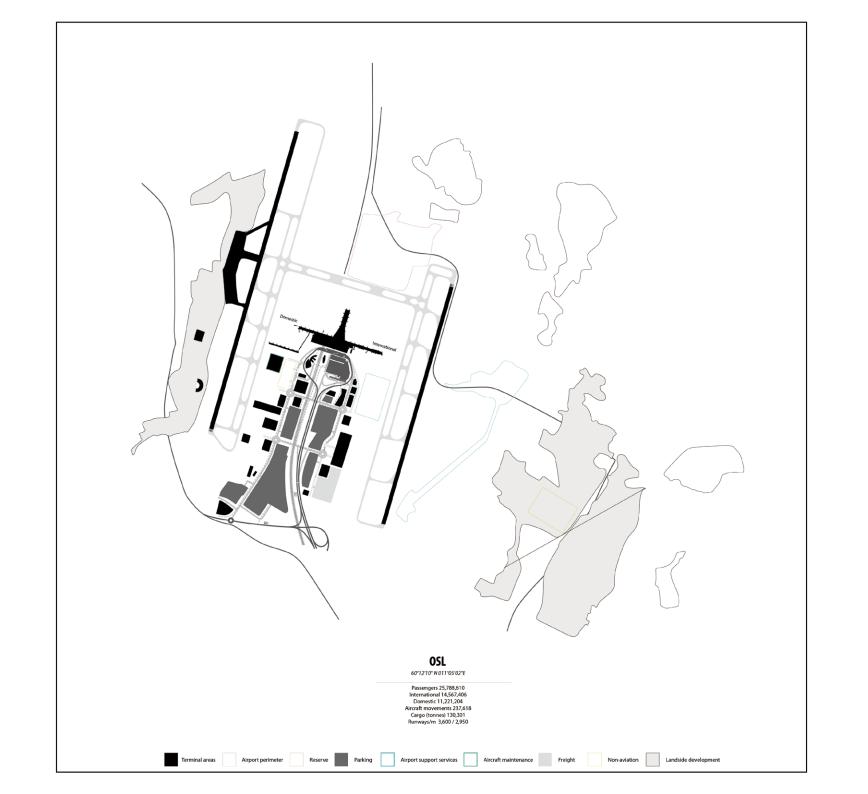


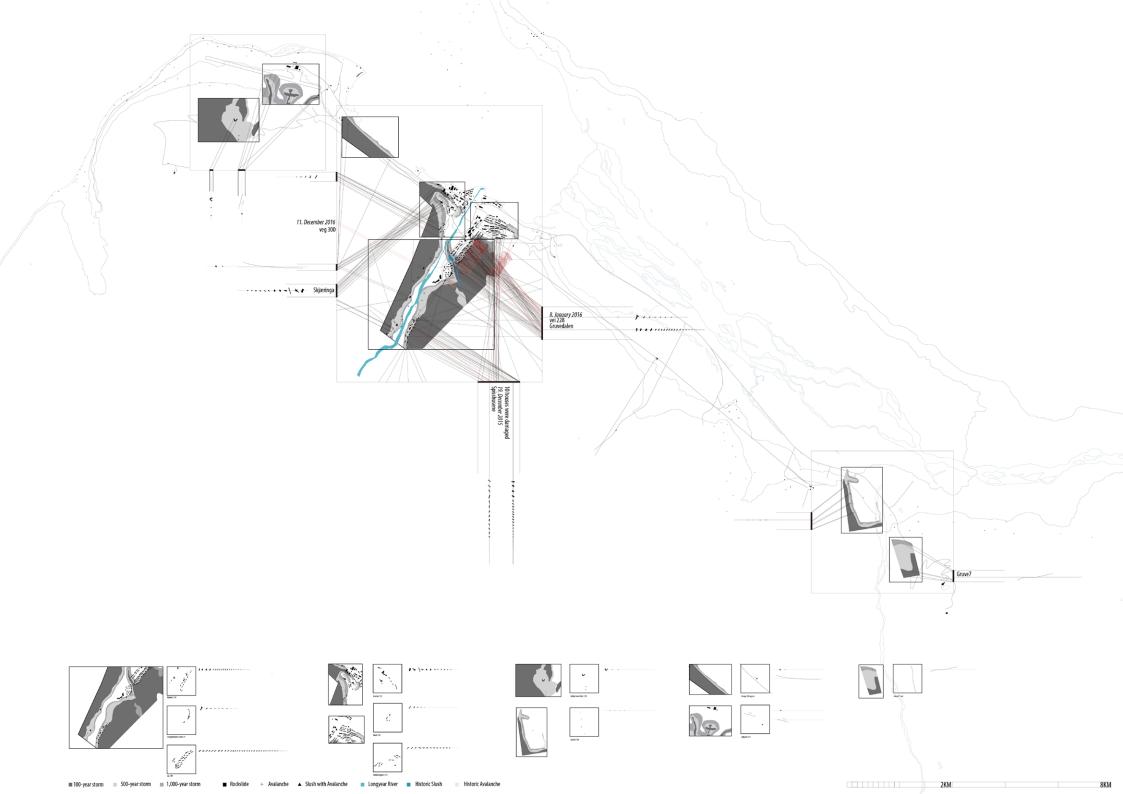




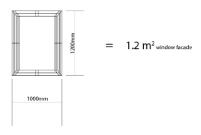


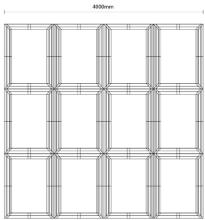




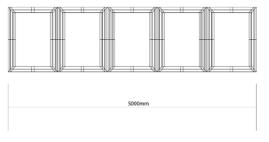


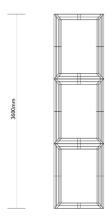
Windows

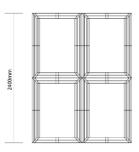




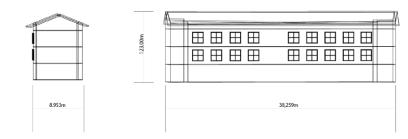
Material usage for 1.2m² of recycled window facade generic example of setup for calculation purpose.



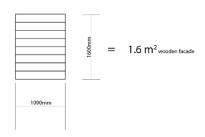




Different combination



Wooden facade

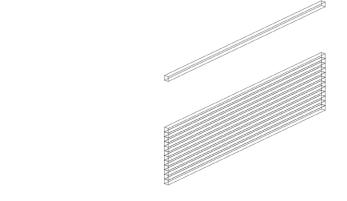






Built Component reuse

Material usage for 1.2m² of recycled wooden facade generic example of setup for calculation purpose.



Nybyen housing unit