

Project profile

Name: AD Environmental Billion Project B57: Diversion water of Årstafältet (Årsta farm) to Valla River and Damm

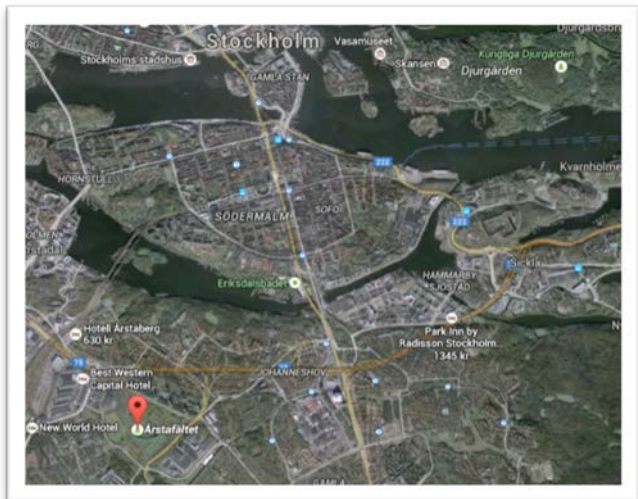
Address: Southern Suburbs in the municipality of Stockholm

Year(s): Planned in 2001 and implemented in 2005-2008

Size: The field covers 50 hectares

Cost/financing: SEK 25 million or USD 4,236,403. It was publically financed by the “Environment Billion” program in Stockholm city.

Technologies: dam, constructed wetland in the Park, new vegetation, ditches, and water stairways.



Fulfilled criteria	
Ownership/use	
Public/ pub. Service	✓
Commercial	
Residential	
Scale	
Large urban development	✓?
Small/Individual building	
Temporality	
Established	✓
On-going	✓
Spatial scale	
Central	
Suburban (periphery)	✓
Format	
Neighbourhood / localized	✓
Lineal	
Mainstreaming potential	
Up-scaling	✓
Replication	

Project description- context: Årstafältet (Årsta field) is grassland. The project was to reduce the water load on the treatment plant and the risk of overflows and clean water. A main aim of the project was to divert the storm water from Årstafältet “Valla dam” to Årstaviken (Årsta bay) through the drained and dry bäckravin (stream). Bäckravin was originally Valla River’s natural outlet to Årstaviken. It was also to promote flora and fauna in the stream and in the wetland in the Great Lake Park and to revive the life of the old water mill and the stream historical use. The Park is also used for pedagogic excursions. However, the project plan has developed (or maybe a new project) into what is called (new) “nya Årstafältet”, 10 Ha. The authorities that once in 2000 decided to invest and create an ecological and cultural landscape park, have later changed their plans in 2007. The plans turned into highly polarized issue. New actors, city planning administration, SVAB Hydraulik AB and traffic administration are involved in the new plan. Some of civic actors have been against the development.

Actors involved: Stockholm Water Company, external consultant from “Orback Naturvårdsbyrå”, the City Museum, and the development planning administration in Stockholm city.

Covered analytical dimensions	
Actors	Maybe the role of the city museum is interesting but can be understood within the context of the project. Interesting to examine actors motives and their interactions and their influence and power on the decision making process.
Plans/ Planning	What factors emerged and influenced the planning process? Maybe also to compare what planning systems were included in the original project and the new plans.
Values	In addition to socio-cultural values, the project originally was driven by politicians to meet environmental objectives and the storm water strategy. The developed plan of “New Årstafälte” integrates a climate change adaptation measures and aim to achieve sociotop and biotope values and to ensure a good built environment.
Driving forces and constraints	
Impacts	The original project can be interesting in terms of social and environmental impacts. Expect of unforeseen problems of old-pipes leakages, the results have been beyond

	expectation and public perceptions were very high and followed the project with interests.
Technologies	No new techniques were or planned to be used.
Dynamics	The original project was unique for the development administration "Exploateringskontoret". Interesting to know why the project grow and change its aim in Årstafältet and why the municipality is giving up what has been achieved to re-plan the whole area including storm water handling techniques, as spoken out by the Water Utility.

A concern: The change in the plans can be interesting from urban planning perspective rather than from our project perspective unless, the rainwater water facilities, or some of them, that were set in place before 2007 are phased out. In addition, the case does not fulfill our selection criteria if we only consider the new plan.

Any specific case method(s) or question(s) will be decided later, if any, when rewriting the profile of a selected project.

Project Summary for Selection

Criteria

		Horns-gatan	Hammarby Söjstad	Silverdal	Flemingsberg-viken	Årstafältet
Ownership/ Use	Public/ pub. service	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Commercial					
	Residential		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Scale	Large	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ?
	Small					
Temporality	Established	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	On-going					<input checked="" type="checkbox"/>
Spatial scale	Central	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
	Suburban (periphery)			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Technology	Innovative & developed	<input checked="" type="checkbox"/>				
	Mimicking“constructed” natural facilities		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Format	Neighborhood		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Lineal	<input checked="" type="checkbox"/>				
Mainstreaming potential	Up-scaling	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Replication	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

Analytical Dimensions

	Horns-gatan	Hammarby Söjstad	Silverdal	Flemingsberg -viken	Årstafältet
Actors					
Plans/Planning					
Values					
Driving forces/ constraints					
Impacts					
Technologies					
Dynamics					