

# Sustainability assessment case studies worldwide

compact and scientific assessment method for area developments



FSA symposium at SFU university campus in Vancouver

Sustainability assessments of remarkable area developments around the world. These audits will be performed using the assessment method for area developments, developed by the Foundations for Sustainable Area Development. FSA works with students, professors, planning professionals and municipalities. The result is a collection of assessed developments, that can also be compared to each other. Project results are shared through our extensive global network. *This is how FSA stimulates and challenges cities and developers to prioritize sustainability.*



Site visit Vancouver

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Sustainability  
around the  
globe



*“the multi-disciplinary setting and integral approach to sustainability, becomes just as valuable as the end product”*

- Wouter de Zeeuw of  
*FSA, the Netherlands*

## How about Sustainability?

Sustainability starts with the decision to act sustainably. Decision makers need to have knowledge on this complex topic in order to envision their sustainable future. The Foundation for Sustainable Area development has developed a compact tool with which we can quickly, yet thoroughly assess an area with a set of sustainability indicators. This framework is based on BREEAM, Estidama and LEED. These are the main authorities in the world concerning sustainability labels. FSA promotes the use of these frameworks, since it enables us to implement sustainability at the early stages of area development.



Please visit the following websites (click logo):

**breeam**



## Assessment method

The FSA framework for the assessment of sustainability in area developments is based on a common and widely adopted vision on what the performance indicators concerning this issue should be. The three frameworks on which the FSA instrument is based, BREEAM, Estidama and LEED, at large show the same method, structure and content.

The FSA-framework chapters cover the following issues, divided into several criteria:

- *Synergy*
- *Resources*
- *Spatial development*
- *Socio-economics*
- *Climate*







Cityscape Abu Dhabi: the next stage of building in the capital district.

## Procedure

### ***Step 1 - Projectteam setup***

From the local university or research institute, students enroll in this 3-day program. Guidance and tutoring is provided by FSA and a professor of the represented knowledge institution. Teamsize can vary from 5 to approximately 20 students.

### ***Step 2 - Site analysis and assessment***

Data of the development will be collected through local planning authorities, professional designers involved in the project and by visiting the site. The projectteam, under FSA supervision, will then start the actual assessment. The duration of this part of the program is between 2 and 3 days.



### ***Step 3 - Symposium & publication***

This workshop is then complemented by a symposium with lectures from professionals and a presentation to a diverse audience.

## Costs & result

FSA charges no costs for time spent on this program or for the use of its framework. For costs made during the event itself, such as providing workspace, excursions, lectures and publication, FSA seeks funding. These costs will not exceed \$3.000,- in total and will be divided between participating organizations (business partners).

The project- and symposiumresults will be published publically through the FSA network worldwide.

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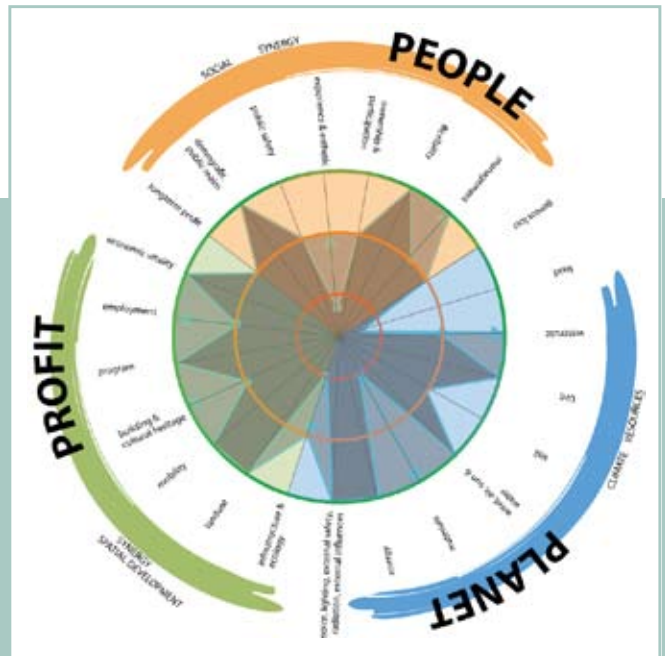


## About FSA

Based in the Netherlands, FSA performs sustainability assessments of innovative area developments worldwide. For each assessment, FSA sets up a case study team consisting of representatives of the local authorities, students from (local) universities or research centers, and local businesses. All three parties have different interests, but what they all benefit from is the fact that by working together, they are able to see the sustainable environment that they are part of.



UniverCity campus aerial view



## Creative Industries Fund

in 2012, at the startup, FSA has received a grant from the Dutch Creative Industries Fund. With this aid, FSA has been able to develop its assessment framework.

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## Take a closer look

We invite you to take a closer look at the work of FSA. The completed project assessments for **Amsterdam**, **Malmö**, **Antwerp** and **Vancouver** are online for download. Please visit [www.ifsa.nl](http://www.ifsa.nl) or email us.



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