

# AFRICAN UNION BUILDING

OPVIUS developed a solar sail, which was installed in the new African Union building for „Security and Peace“.

## DESCRIPTION

### Customer

African Union / GiZ

### Partners

Carl Stahl GmbH, GiZ

### Short summary

A pixelated solar sail consisting of numerous OPV modules shaped like the Africa continent was installed in the African union building. Mounting was done using a combination of steel ropes and tubes to create a non-collapsing structure.

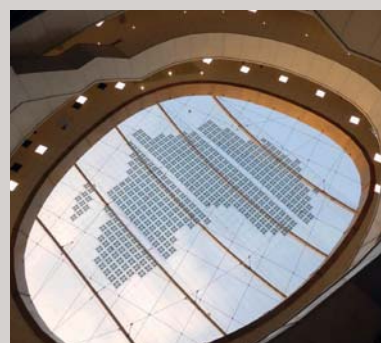
### Timeline

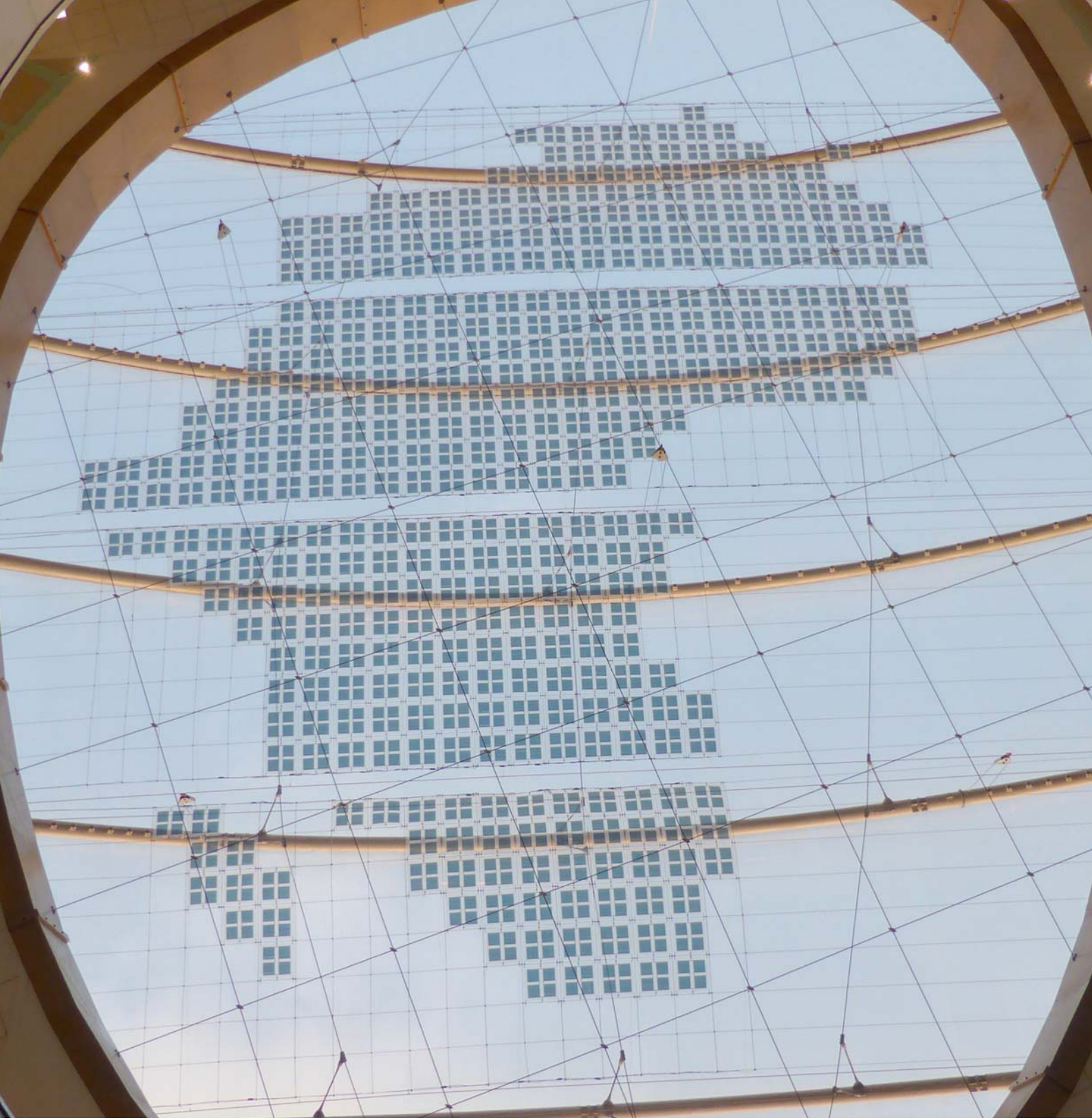
- Contract awarded March 2015
- Design finished March 2015
- Production of OPV April until May 2015
- Pre-assembly May until June 2015
- Installation on site August 2015

### Key data

1,800 OPV pixels assembled in 450 OPV modules

RESPONSIBILITIES	LEAD	PARTNER(S)
Overall Design	OPVIUS	GiZ
Technical System Development	OPVIUS	Carl Stahl, GiZ
Module Design and Production	OPVIUS	
Electrical System (incl. Design)	OPVIUS	
Mechanical System (incl. Design)	OPVIUS	
Pre-Assembly	OPVIUS	
On-Site Installation	Carl Stahl	OPVIUS





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*Addis Ababa*

