Green Assets Wallet

Introduction to validation process
Green bond issuance

Barriers

For issuers
- Administration
- Increased costs

For investors
- Time consuming
  - Trust in issuers needed

For the market
- Avoided green issuance
  - Developed market bias

Opportunities

For issuers
+ Automatisation
+ Lower costs

For investors
+ Efficient aggregation
  + Accessible and trusted information

For the market
+ Increased volume and diversity
  + Increased capital to green investments
GAW objectives

GAW is about impact, which we believe means:

1) **Allowing the market for sustainable finance to grow by reducing costs**
2) **Channeling sustainable finance to where the needs are the greatest, and the impact most significant**
Blockchain basics

- Distributed network - no centre
- Immutable data store
- A way of ensuring that all the data stores remain in sync
- A way of checking that committed transactions meet validity requirements
- Really good for recording shared information securely and transparently
The concept

Green bonds introduce additional *conditions* to the traditional relationship between issuer and investor.

The Green Assets Wallet platform *tracks* those conditions, *records* their fulfillment, and by doing so *strengthens* the relationship.
How it works

Create project entity

Issuer

Validator

Project entity

Validation report slot

Impact report

Validation report ("fills" slot)
### Advanced SolTech Green Bond Framework

**Categories**
- SDG 7 Affordable and Clean Energy - Energy distribution & Management

**Goals**
- Goal 7: Affordable and Clean Energy

**Commitments**
- Funds will be used for the installation of solar energy generation capacity in the following forms: i) modern glass roofs and walls with thin film technology, ii) solar panels for electricity generation, and iii) glass tiles with underlying absorbers for heating.
- Projects will be located in areas where the level of GHG emissions is high.
- Projects will deliver substantial reductions of GHG emissions.
- Installations shall use existing buildings, not prospecting of new land.

**Files**
- [Soltech-SecondOpinion.pdf](#)
- [Soltech_GreenBondFramework.pdf](#)
<table>
<thead>
<tr>
<th>Bonds</th>
<th>Volume</th>
<th>Date of Issue</th>
<th>Date of Maturity</th>
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<td>30000000 SEK</td>
<td>15-09-2016</td>
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</tr>
</tbody>
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Advanced Solar Power Hangzhou Inc

Advanced Solar Power (ASP) Hangzhou Inc is a 1.4 GW solar plant with a capacity of 1024 MW and an annual production of 958 GWh, commissioned in December 2015.

PROJECT VIEW

DOCUMENTS

No data

ADVANCED STRATEGIES

GEOGRAPHY

SDG 7: Affordable and Clean Energy - Energy distribution & Management

GOALS

Goal 7: Affordable and Clean Energy

COMMITMENTS

$0.314 million: Solar panels and inverters with tracker technology.

$0.314 million: Glass panels and inverters with tracker technology.

$0.314 million: Glass panels and inverters with tracking technology.

ASSOCIATED BONDS

SE0010831313

Volume: 300000000 SEK

Date of Issue: 01-05-2019

Date of Maturity: 28-03-2023

SE00008322051

Volume: 300000000 SEK

Date of Issue: 16-04-2019

Date of Maturity: 19-04-2019

REPORTS

Add new report category

VALIDATION REPORT

Monitor data report

Monitor station: Hangzhou.

File upload: SolTech Green Bond Framework.pdf

Download
Validator view

Reports

Monitoring data report

Validator id: 5b31439b61daee94ce346db8

ASP monitoring data of daily, monthly, yearly power generation, installation capacity, CO2 emissions saved, and more.

File upload:
3f8aa392-47bd-4e12-0f65-68620a577f62, Soltech_GreenBondFramework.pdf
Details

Photographic evidence

Validator id: 5b31439b61daee94ce346db8

Photo of ASP

Certification description:
Basic usage

Do report certification

Click or drag file to this area to upload
Validation process

Photographic evidence
5b31467af85ad45c3ad7fa4d

Photo of ASP

Certification data:
* 0. Certification description:

Basic usage

* 1. File upload:

Click or drag file to this area to upload

Submit