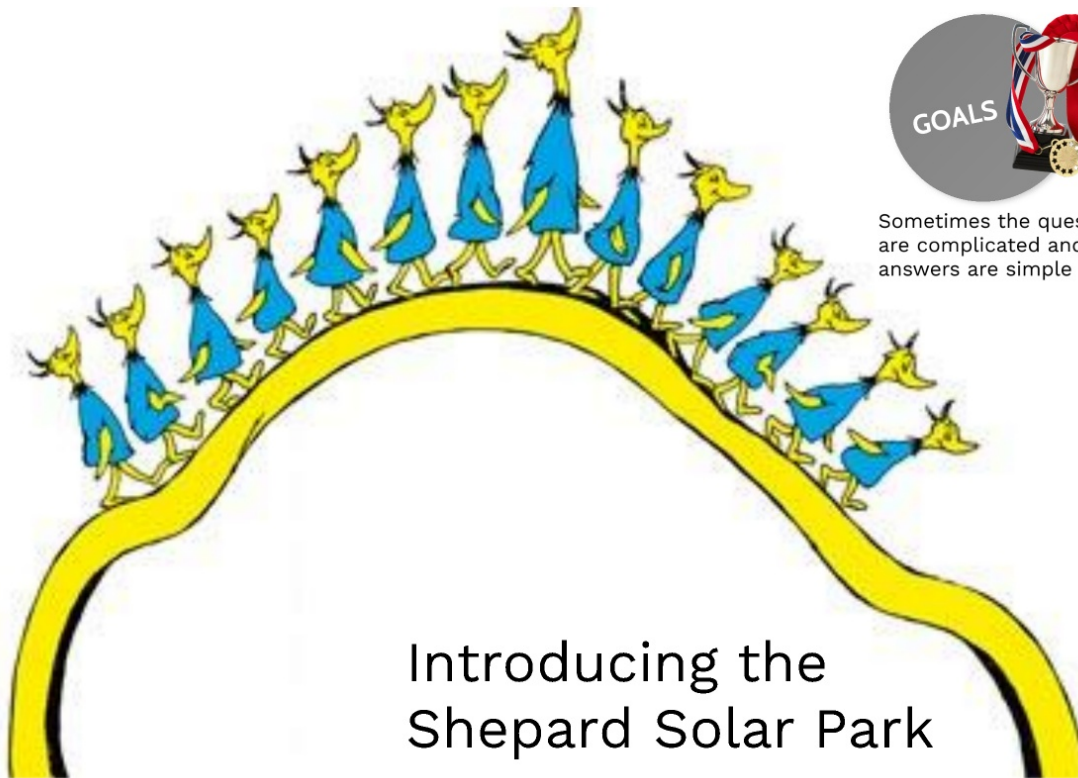




Oh the thinks you can think of....

re-imagining landfills as 'bright fields'



Introducing the
Shepard Solar Park



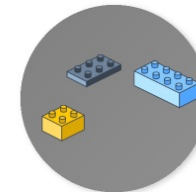
Sometimes the questions are complicated and the answers are simple



Oh the things you can think up if only you try...



One cent, two cent, new cent, old cent...



Why fit in if you were born to stand out?



And you don't have to stop, you can think about Schopp!

DRIVERS

- 1 City's Climate Strategy/Plan
- 2 LEED Certification Target
- 3 Brownfields Strategy
- 4 Energy Management Plan



The
finished
product

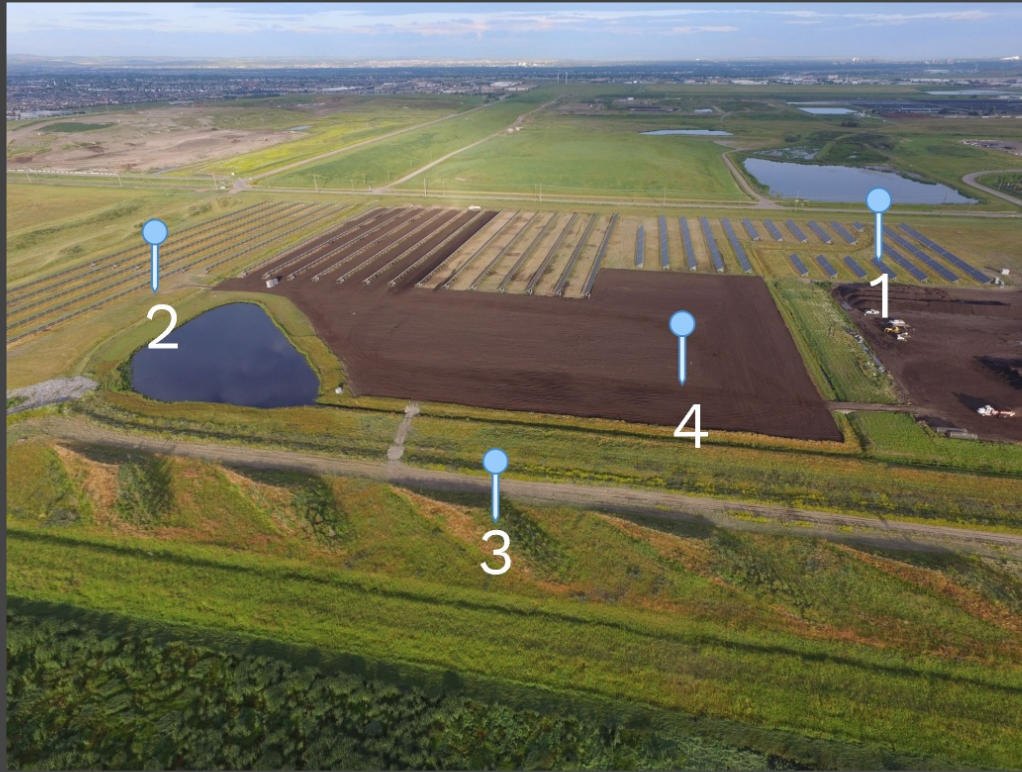
Bringing a new dimension to resource recovery

1. Phase 1 (1 MW)

2. Phase 2 (3.3 MW)

3. Former brownfield site

4. Use of compost to naturalize the site



The project is 4,320 kW in size, includes 10,800 solar modules covering seven hectares, which is over 13 football fields in size

DRIVERS

- 1 City's Climate Strategy/Plan
- 2 LEED Certification Target
- 3 Brownfields Strategy
- 4 Energy Management Plan

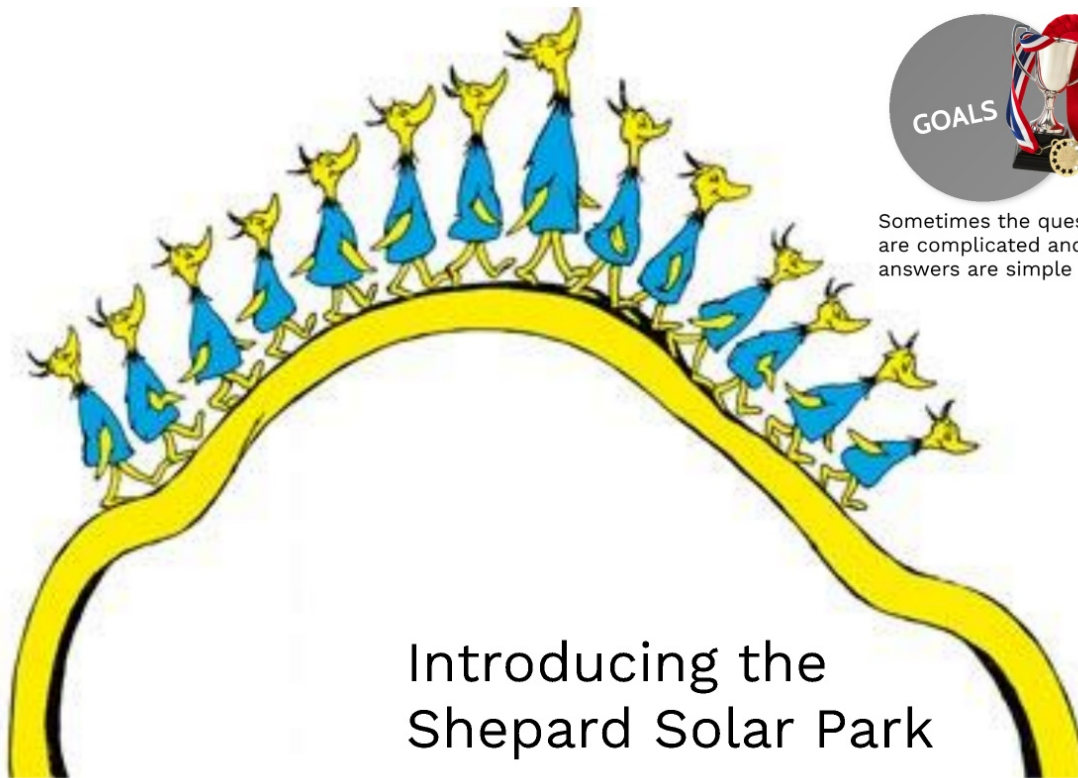


The
finished
product



Oh the thinks you can think of....

re-imagining landfills as 'bright fields'



Introducing the
Shepard Solar Park



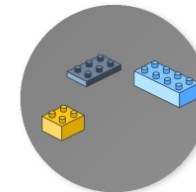
Sometimes the questions are complicated and the answers are simple



Oh the things you can think up if only you try...



One cent, two cent, new cent, old cent...



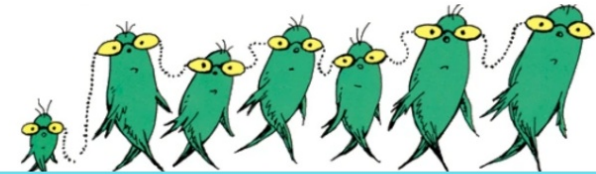
Why fit in if you were born to stand out?



And you don't have to stop, you can think about Schopp!



The Innovation Process



Project Timelines

08 Weeks	08 Weeks	18 Weeks	3 Weeks
--------------------	--------------------	--------------------	-------------------

Concept Design /
Business Case

Procurement /
Detailed Design

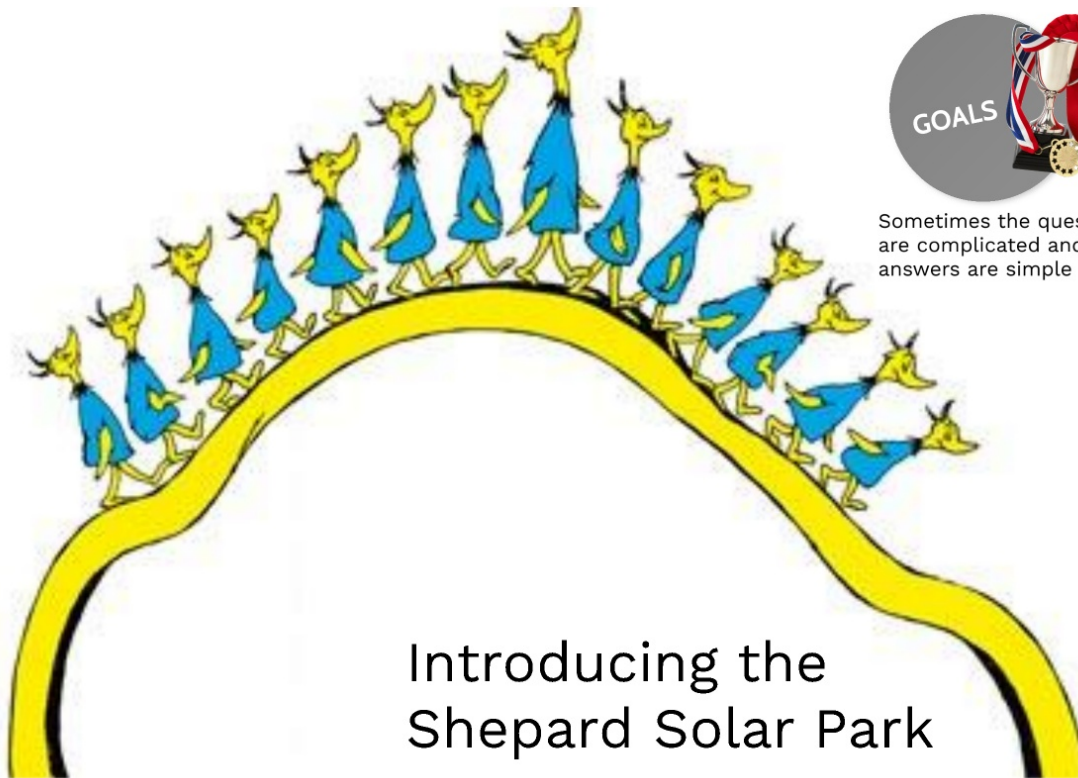
Delivery / BOD /
Construction

Cx Process



Oh the thinks you can think of....

re-imagining landfills as 'bright fields'



Introducing the
Shepard Solar Park



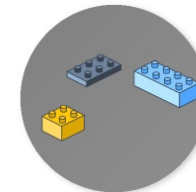
Sometimes the questions are complicated and the answers are simple



Oh the things you can think up if only you try...



One cent, two cent, new cent, old cent...



Why fit in if you were born to stand out?



And you don't have to stop, you can think about Schopp!



Oh the cents we make....

CoC investment of \$4,185,000
(in addition to the \$2.18M
invested by the Alberta
Municipal Solar Program)

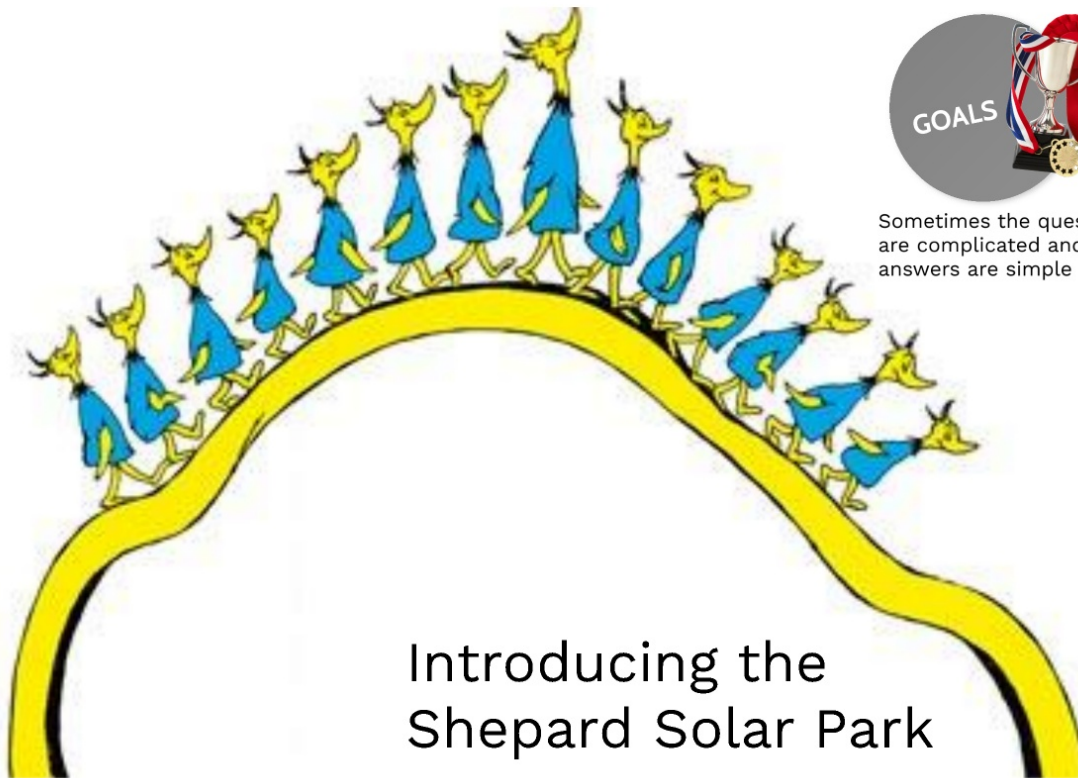
Yielding a 13.1% internal rate
of return and a payback in 9-
years





Oh the thinks you can think of....

re-imagining landfills as 'bright fields'



Introducing the
Shepard Solar Park



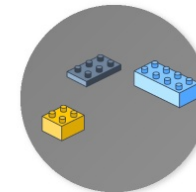
Sometimes the questions are complicated and the answers are simple



Oh the things you can think up if only you try...



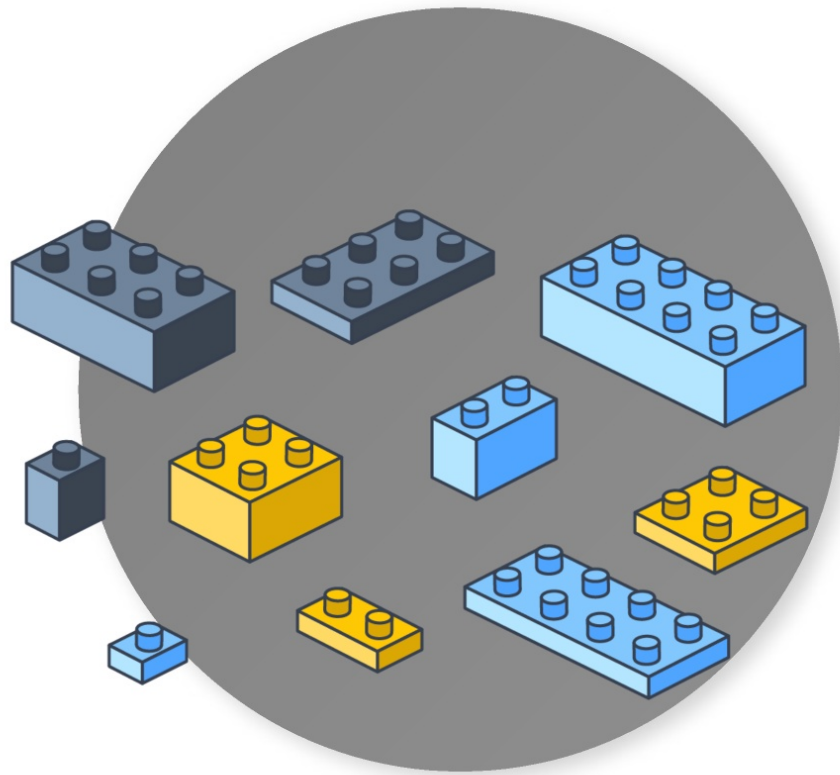
One cent, two cent, new cent, old cent...



Why fit in if you were born to stand out?



And you don't have to stop, you can think about Schopp!



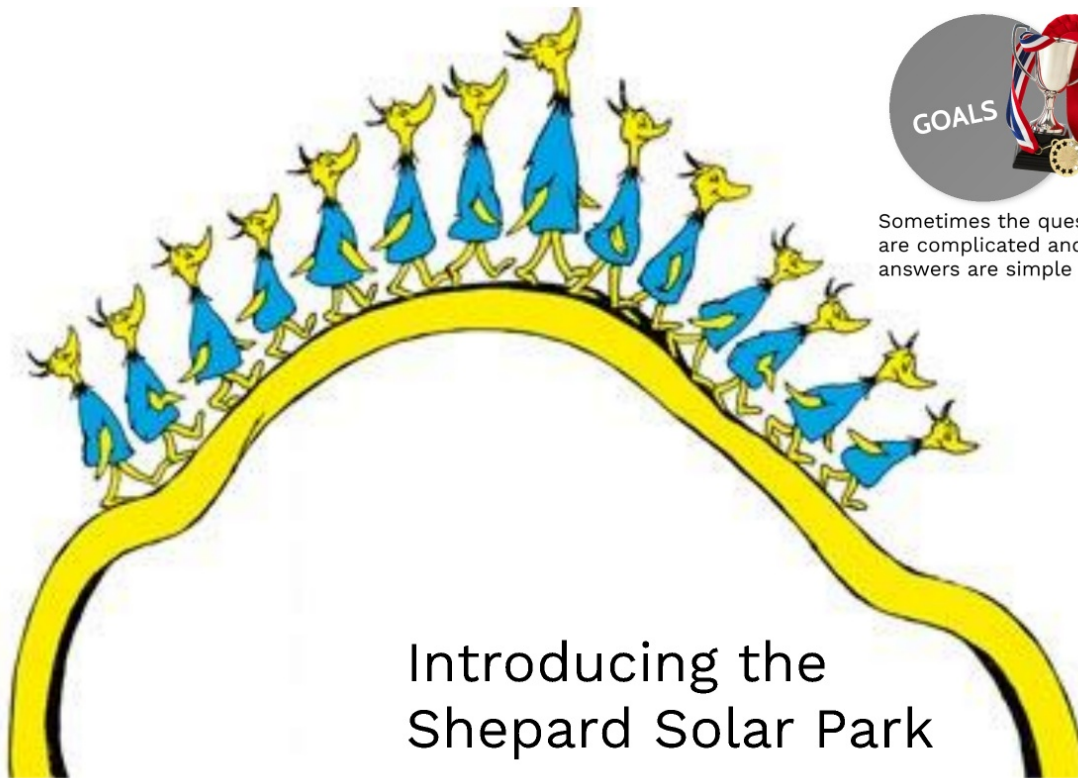
The building blocks for a successful project

- Adjacent load source
- Regulation to support Micro-generation or Community Generation
- Support from the local distribution services provider (WSP)
- Access to grants and incentives
- Innovation process



Oh the thinks you can think of....

re-imagining landfills as 'bright fields'



Introducing the
Shepard Solar Park



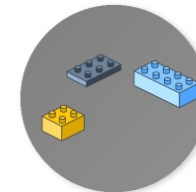
Sometimes the questions are complicated and the answers are simple



Oh the things you can think up if only you try...



One cent, two cent, new cent, old cent...



Why fit in if you were born to stand out?



And you don't have to stop, you can think about Schopp!



Eye openers

1

Job creation and training opportunities

75 jobs created across multiple job types, including labour, electricians, engineers, supply chain, logistics, fabricators, etc...

2

Navigating uncertainty in Landfill Permits to Operate

Great deal of uncertainty in Alberta on how to permit and allow these types of projects (beyond the AUC regulations)

3

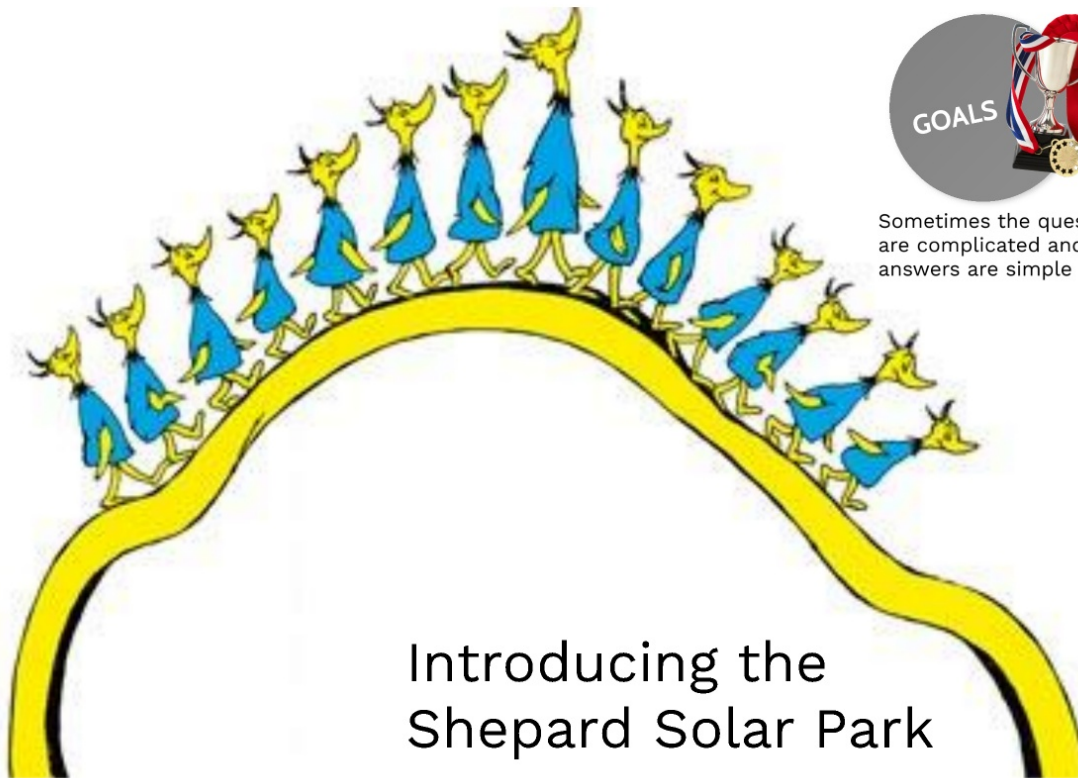
Carbon market / Alberta Offset Credit Options

3,300 carbon offsets generated annually at a value of over \$130,000 per year



Oh the thinks you can think of....

re-imagining landfills as 'bright fields'



Introducing the
Shepard Solar Park



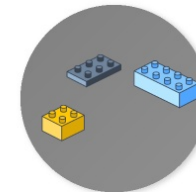
Sometimes the questions are complicated and the answers are simple



Oh the things you can think up if only you try...



One cent, two cent, new cent, old cent...



Why fit in if you were born to stand out?



And you don't have to stop, you can think about Schopp!