

**COMcrop**

HONESTLY GOOD. SUSTAINABLY GROWN.

In 2011, an idea was mooted to create a urban farm that is distinctively different from the community gardens in Singapore

PART  
**D**

SPECIAL  
REPORT  
SCIENCE

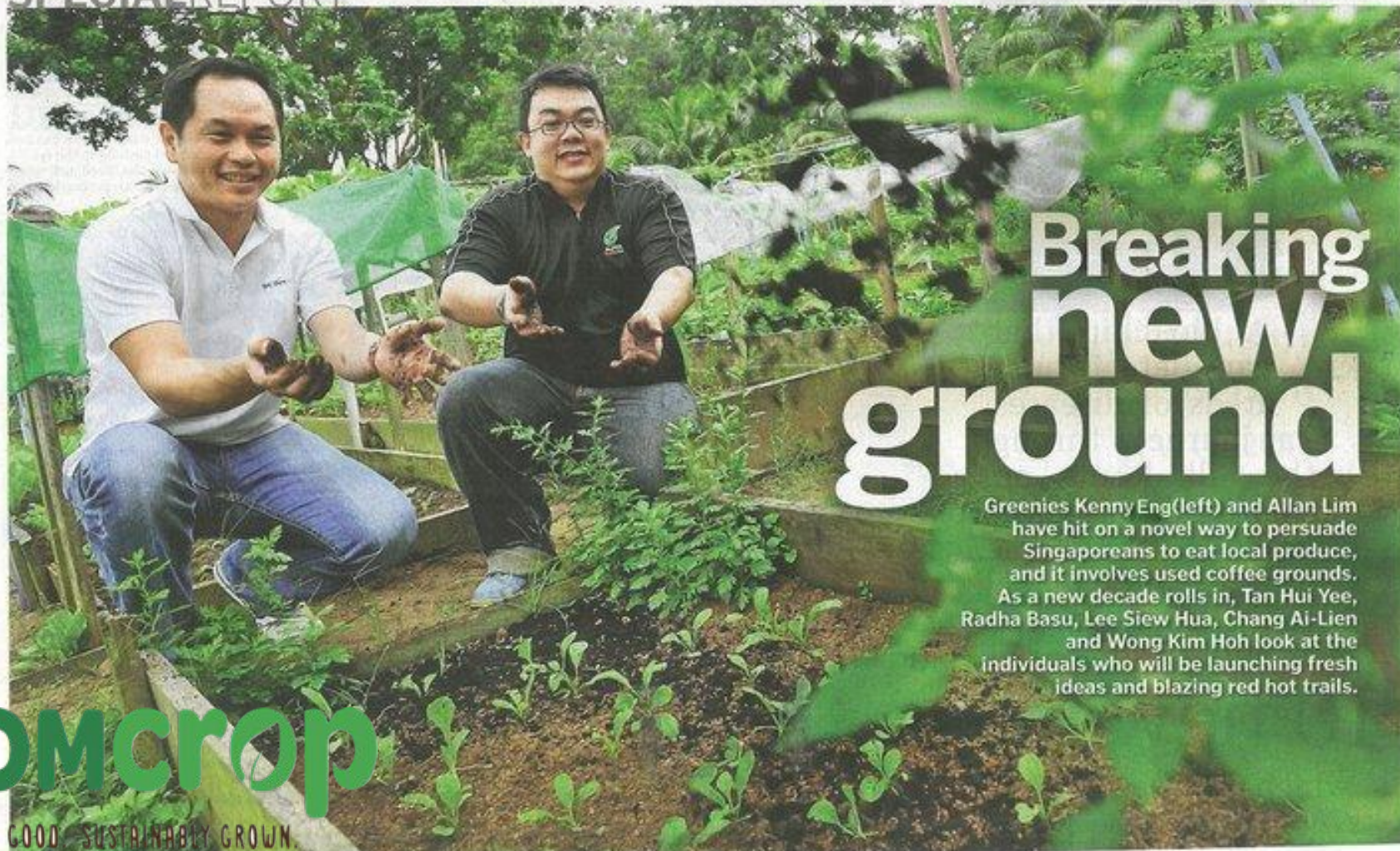
THE STRAITS TIMES SATURDAY, JANUARY 1 2011 D1

# SATURDAY



**MAPPING BRAINS  
SLICE BY SLICE**  
Researchers at Harvard are building a map of the mind to find out what makes us tick. D8

## SPECIAL REPORT



# Breaking new ground

Greenies Kenny Eng(left) and Allan Lim have hit on a novel way to persuade Singaporeans to eat local produce, and it involves used coffee grounds. As a new decade rolls in, Tan Hui Yee, Radha Basu, Lee Siew Hua, Chang Ai-Lien and Wong Kim Hoh look at the individuals who will be launching fresh ideas and blazing red hot trails.

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Comcrop@Petir road April 2011





Partnering with Southwest CDC and Starbucks Comcrop@Petir road was created as a pilot for developing a urban farming project that will involve more Singaporean in community based agriculture

<https://www.youtube.com/watch?v=ijxRBbT7-N4>





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Background

We believed that we can create a world where people are inspired to do better through the involvement of youth in farming





Comcrop engaged a total of 1000 youth volunteer in the period of 12 months to build up the farm in petir road and handed it over to the residents in Dec 2012



Phase 2 – to develop a truly sustainably urban farm that is financially, ecologically and socially viable

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Comcrop is a high tech urban farm company that sustainably grows honestly good crops that feeds communities.

Our social mission is to engage Singaporeans with meaningful careers in the up and coming Agri industry.

We design our business to give people with special needs a career in a fast growing industry

\*



Phase 2 – Testbedding of  
Aquaponics system in  
Orchard Road in  
Partnership with National  
Youth Council and youth  
from Singapore  
Polytechnic Enactus





# The Honestly Good Business Model



Planting is done by Senior citizens and people with special needs along with Comcrop staff in marginalised and non development land (i.e rooftops)



Germination of seed in partnership with Women's home to support single mother subjected to family violence

## Doing Good and Doing it Well!

Crops are harvested fresh everyday for our buyers and 20% of our earnings goes to social impact investments



Crops are grown with advance low energy technology





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## Singapore's First Rooftop Urban Farm



**Location :**  
SCAPE @ Orchard  
road

**Area :** 500 Sqm

**Produce :**

- Tomatoes
- Herbs
- Leafy Greens

**Capacity :**  
3000 kg per month





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**SPACE PLANNING  
FOR \*SCAPE**





# Technology – Implementation of vertical aquaponic frames at SCAPE





# Operations - operating the systems to achieve our production goals and social mission





# Community – Creating a community for urban farming





# Community – Creating a community for urban farming

<https://vimeo.com/100068187>





# Comcrop's future plans

## - Combining Food Waste Recycling with High Tech Agriculture



Location :  
Food Hub @ JTC

Capacity :

Vegetable : 23400 Kg  
/ month

Foodwaste recycling  
60 tons/ per month

Type :Aquaponics

Produce :  
Heirloom  
Leafy Green  
Herbs



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## Singapore's Largest Urban Farm by 2016



Image © 2013 DigitalGlobe

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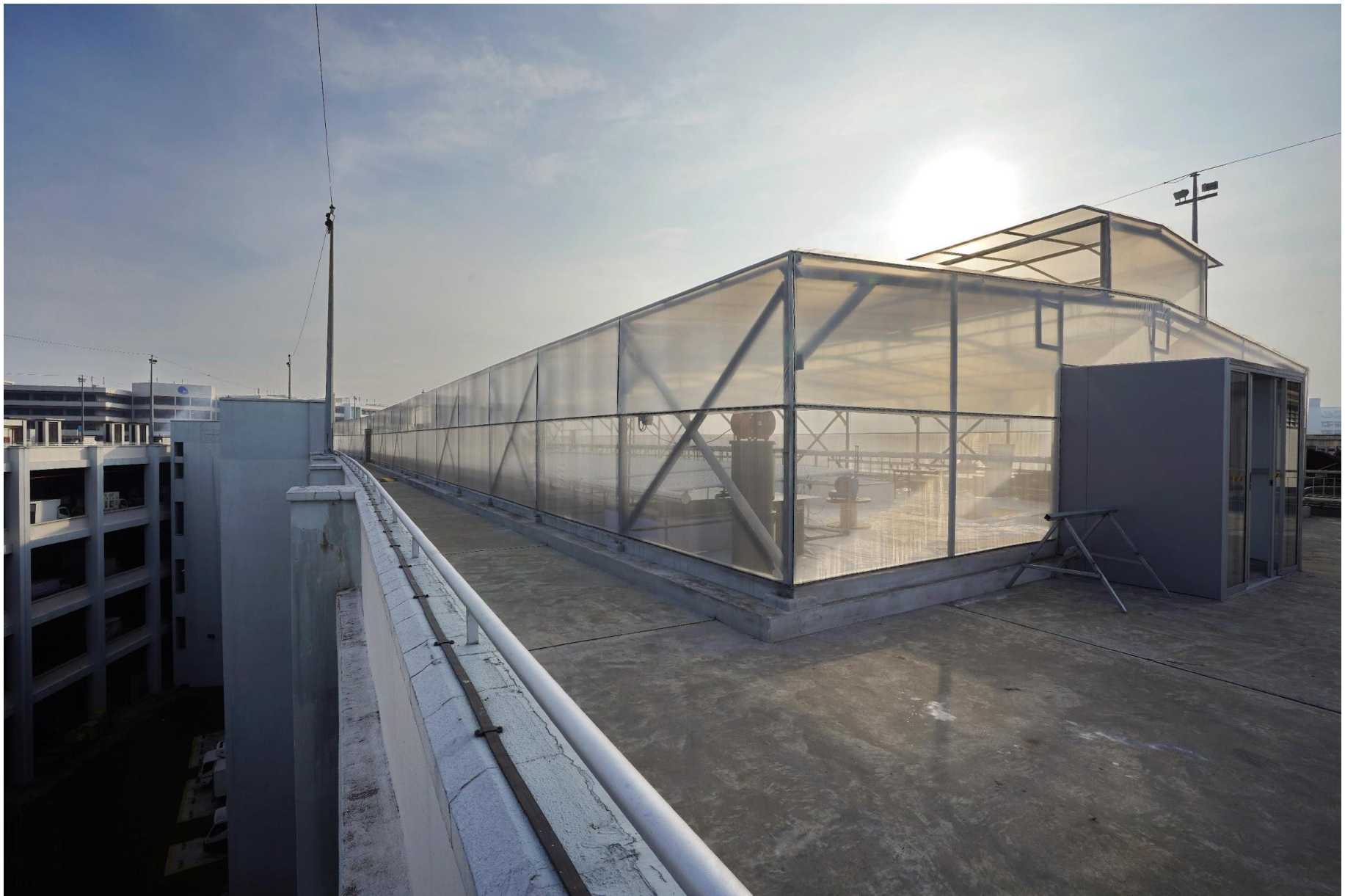




COM 茂丰 CROP

FEEDING OUR COMMUNITY





**WLGH1**















# The long passage

- 4 years of planning
- 8 agency clearance
- No precedents
- No Agri eco system in Singapore

# What lessons have we learnt?

