



#### **CREATING THE FOUNDATION OF A SUSTAINABLE FUTURE**











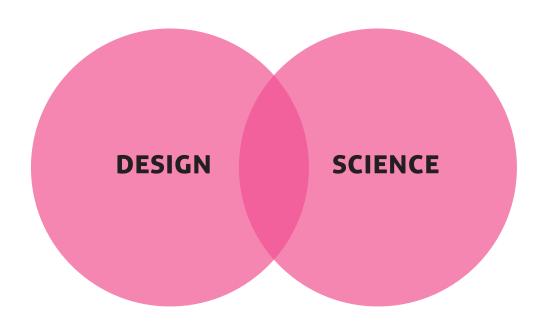
## TO MAKE US GO FROM DREAMING ABOUT A BRIGHT, INSPIRING FUTURE

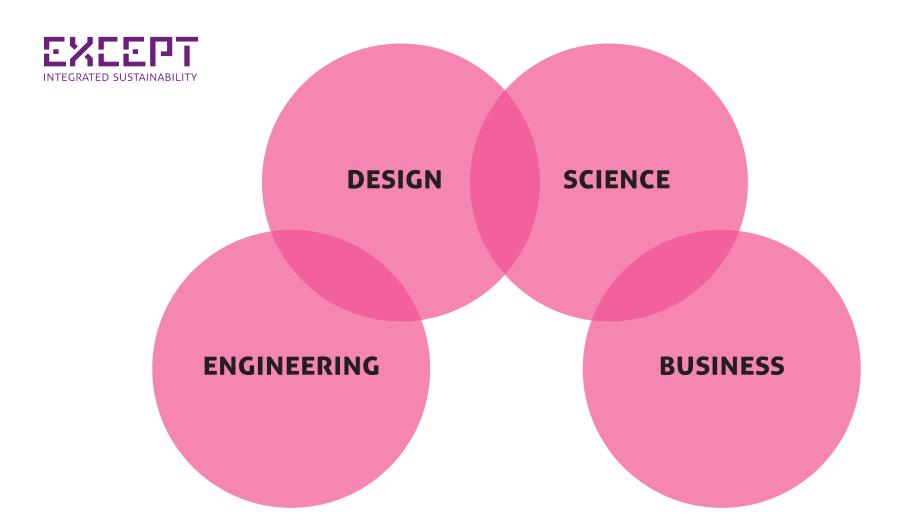


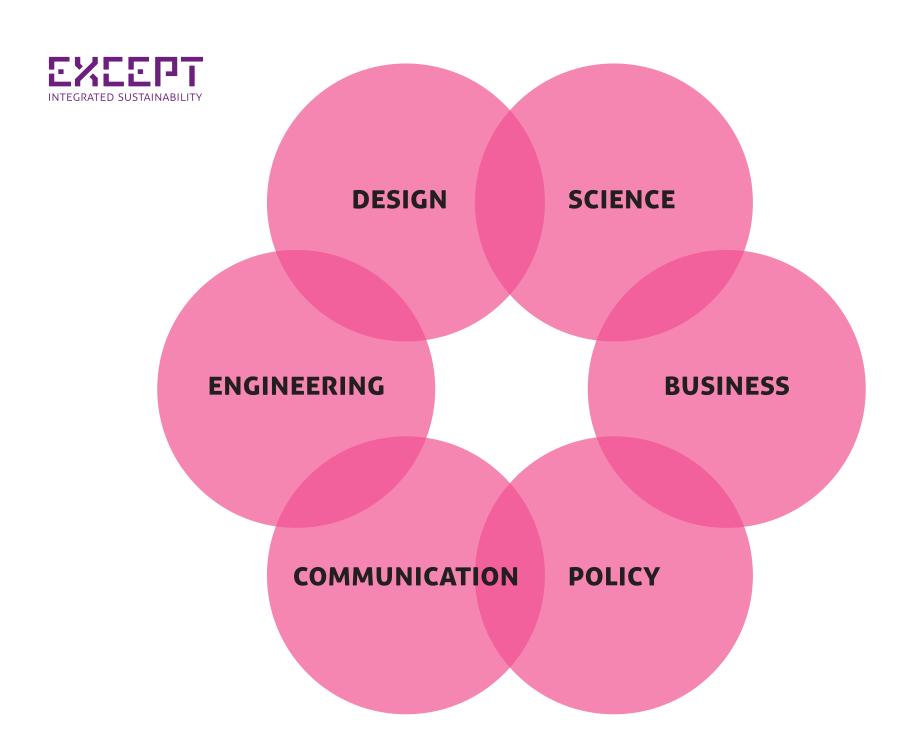
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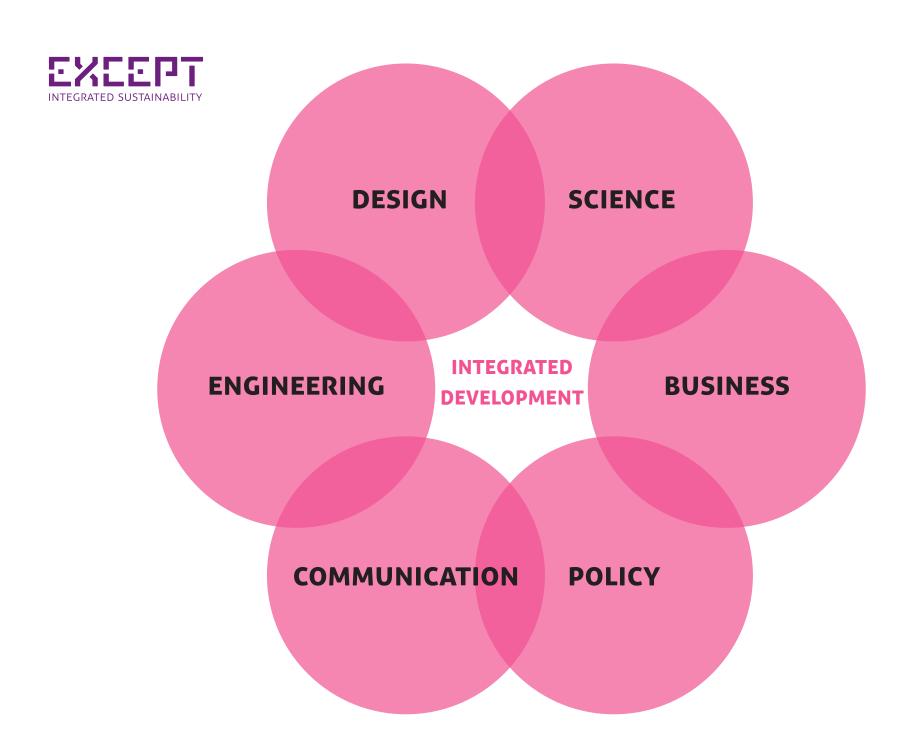
TO ITS REALIZATION







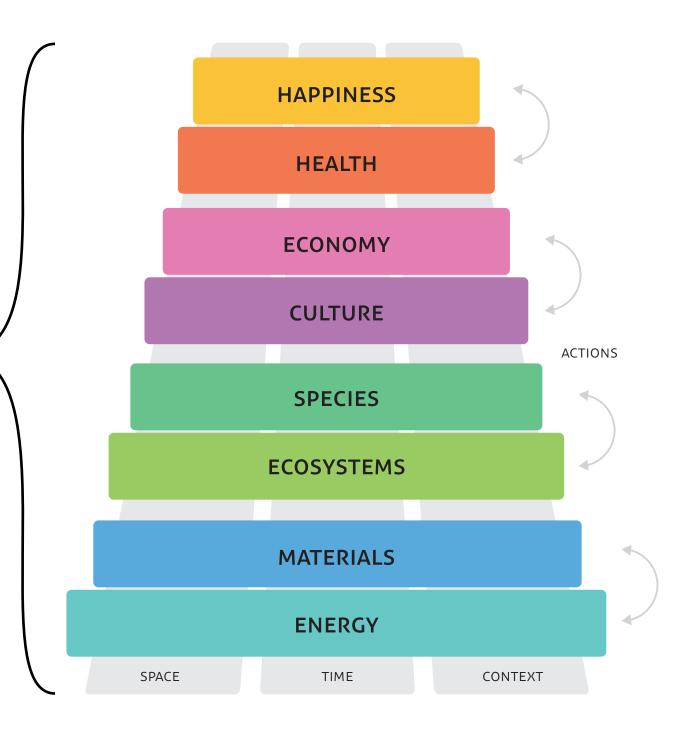




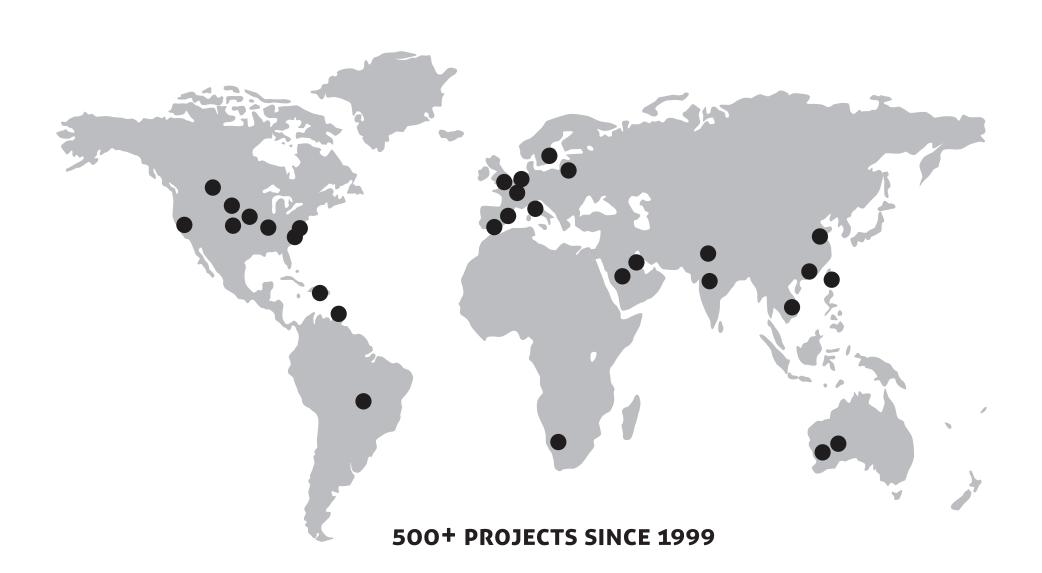


- > RESILIENCE
- > CIRCULARITY
- > SOCIAL JUSTICE









































Kingdom of the Netherlands





































SUSTAINABLE PLACES





SUSTAINABLE PLACES



SUSTAINABLE ORGANIZATIONS





SUSTAINABLE PLACES



SUSTAINABLE ORGANIZATIONS



SUSTAINABLE SECTORS





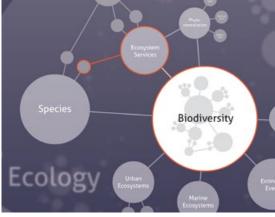
# SUPPORTING SUSTAINABLE PROJECTS FROM START TO FINISH











# COOPERATION ACROSS SECTORS BOOSTS INNOVATION, ADOPTION SPEED AND SOLUTION PERFORMANCE

















#### **LET'S LOOK AT SOME EXAMPLES**





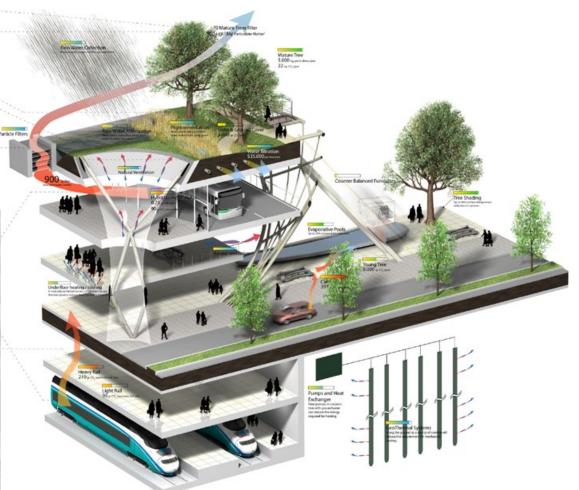






- > COCREATION WITH 8 DISCIPLINES
- > INTEGRATED ENERGY SYSTEMS
- > CIRCULAR REUSE OF BUILDING
- > EMBEDDED ECOSYSTEM SERVICES
- > BIODIVERSITY MISSION







## **San Francisco Transbay Center**

2005-2017





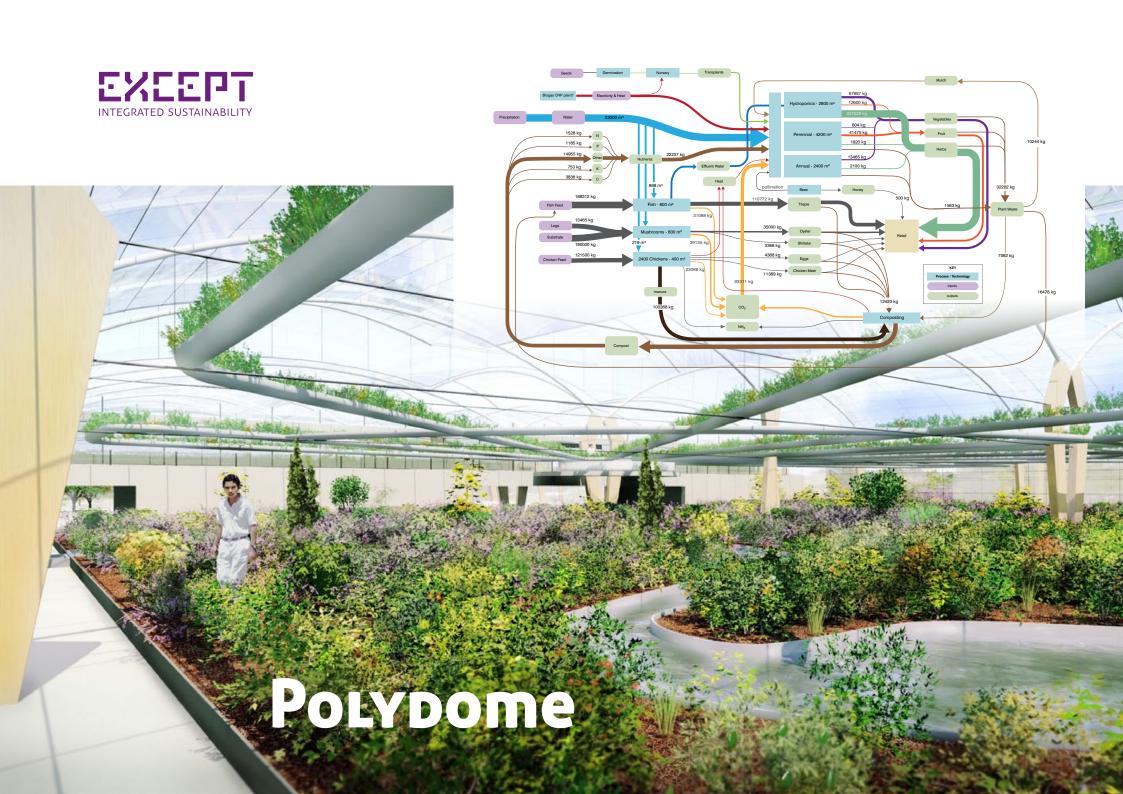


### **San Francisco Transbay Center**

2005-2017

- > CLOSED WATER CYCLES
- > BIODIVERSITY BOOST
- > AIR QUALITY BOOST
- > COMMUNITY BUSINESS MODEL
- > ECONOMIC BOOST















# **IKEA Catalogue Life Cycle** 2013-2015











BOOSTING THE SUSTAINABILITY
OF THE WORLD'S PRINT AND
PAPER SUPPLY CHAIN



# **IKEA Catalogue Life Cycle** 2013-2015



The aim is to reduce total energy use by 10% between catalogue years 2012 and 2016, even if the number of printed catalogues increases. As you can see on the graph above, the total energy used for the IKEA catalogue 2015 increased by 2.7% compared to 2014, and 6% compared to 2012.\* While the goal may seem farther away, the data and progress are now a closer reflection of reality.

\*This increase was expected; it is a result of initiating third-party audits to 2013, as well as improving systems and methodologies.

for data collection.

Water use (per copy)
15.59 L

Water use (total) 3,379,957 m3

INCLUDING INTEGRATED AND AUTOMATED PERFORMANCE DASHBOARDS



#### **RESULTS:**

"In the first year energy consumption dropped 8%, while  $CO_2$  emission went down 2%. With a print run that has an energy footprint the size of the entire South Carolina economy, this adds up to **285,000 barrels of oil left in the ground each year from now on**, and the  $CO_2$  emissions of **155,000 car kilometers compensated for.** Plus, these reductions have only just started to kick in and are accelerating."

- Matthieu Leroy, IKEA sustainability manager

- > THE IKEA CATALOGUE IS NOW THE LARGEST PRINT PRODUCTION EVER TO BE PRINTED ON 100% FOREST STEWARDSHIP COUNCIL™ CERTIFIED PAPER (FSC™ MIX CREDIT) AND TO CARRY THE FSC™ LOGO.
- > ON A PROJECT COST OF ~ € 0.5 MILLION, A PROJECTED COST SAVING OF € 50 MILLION.







**GLOBAL REPORTING TOOL FOR BUSINESS & INDUSTRY** 







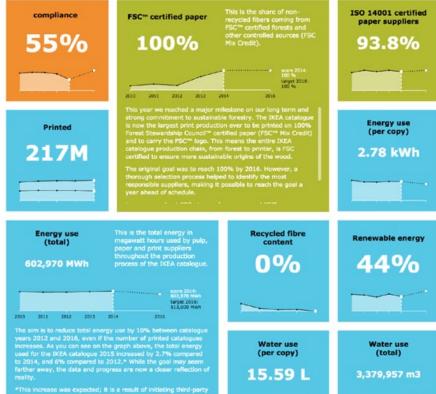
## PERFORMANCE REPORTING ACROSS COMPLETE SUPPLY CHAINS











GLOBAL, AUTOMATED, INTEGRATED PERFORMANCE TRACKING SYSTEM FOR BUSINESS AND INDUSTRY





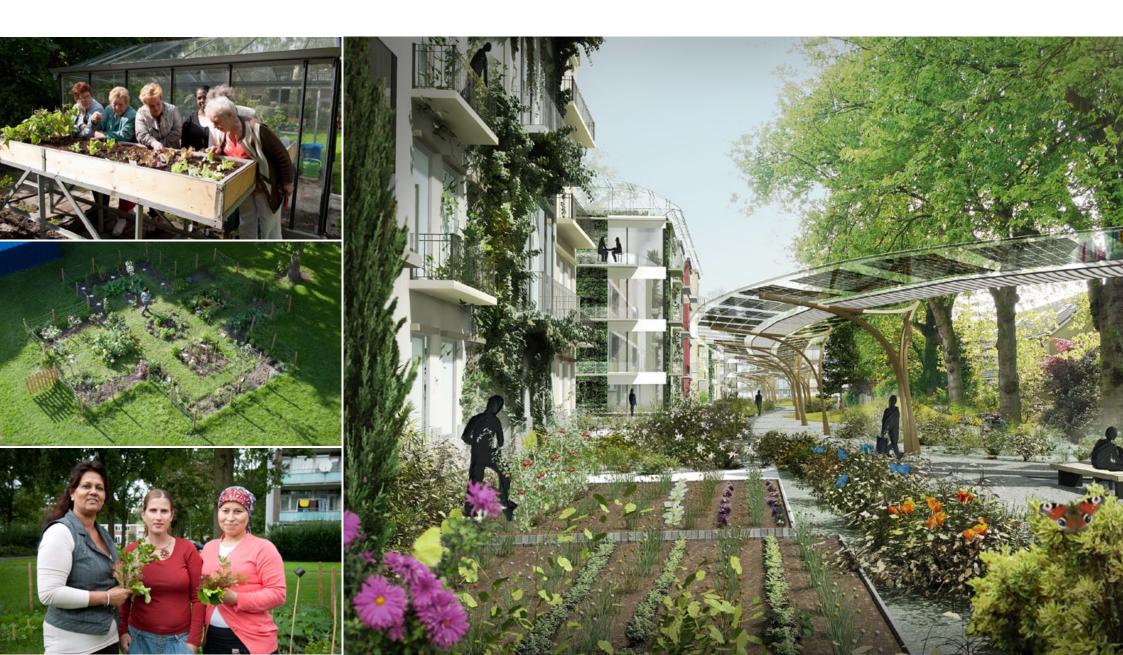








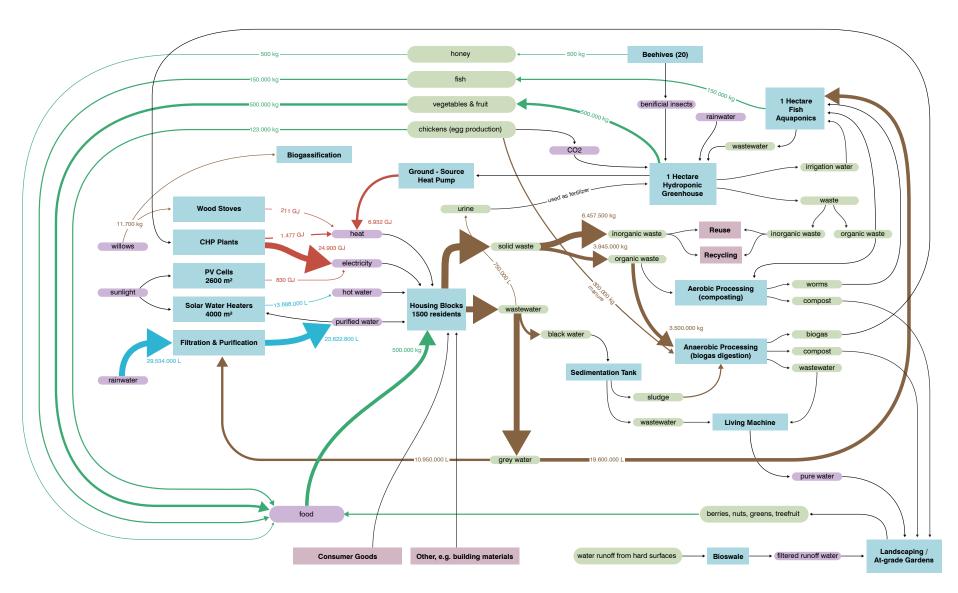






#### Schiebroek-Zuid Circular Masterplan

2011-2013











#### **RESULTS**

- + SOCIAL RISE
- + INCOMES
- + ART PROGRAM
- CRIME
- + BIODIVERSITY
- + WATER QUALITY
- + AIR QUALITY
- + JOBS
- + EDUCATION
- + RESILIENCE



















#### **COOPERATION AND COCREATION WITH 70 STAKEHOLDERS**

DESIGNERS, SUSTAINABILITY EXPERTS, POLICY MAKERS, FINANCIAL ENGINEERS, CONSTRUCTION COMPANIES, LOCAL GOVERNMENT, ...



# EMBEDDING CIRCULAR SYSTEMS



FOOD





MATERIAL WASTE



ORGANIC WASTE



MATERIALS



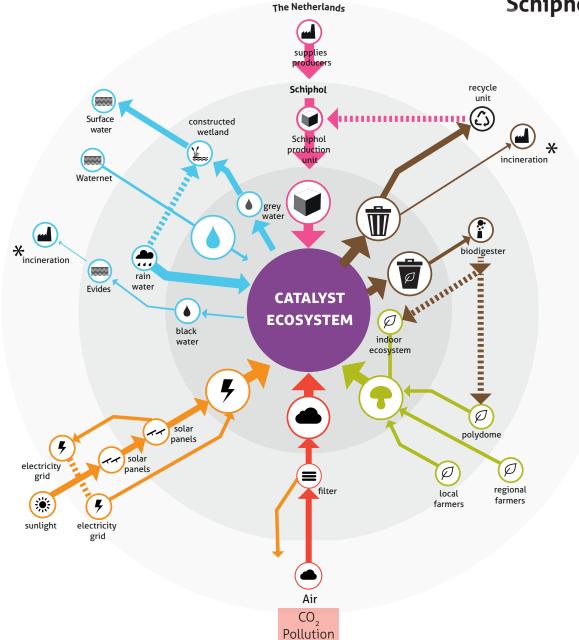
**ENERGY** 



WATER

\* TO BE MINIMIZED (LEAKAGE)

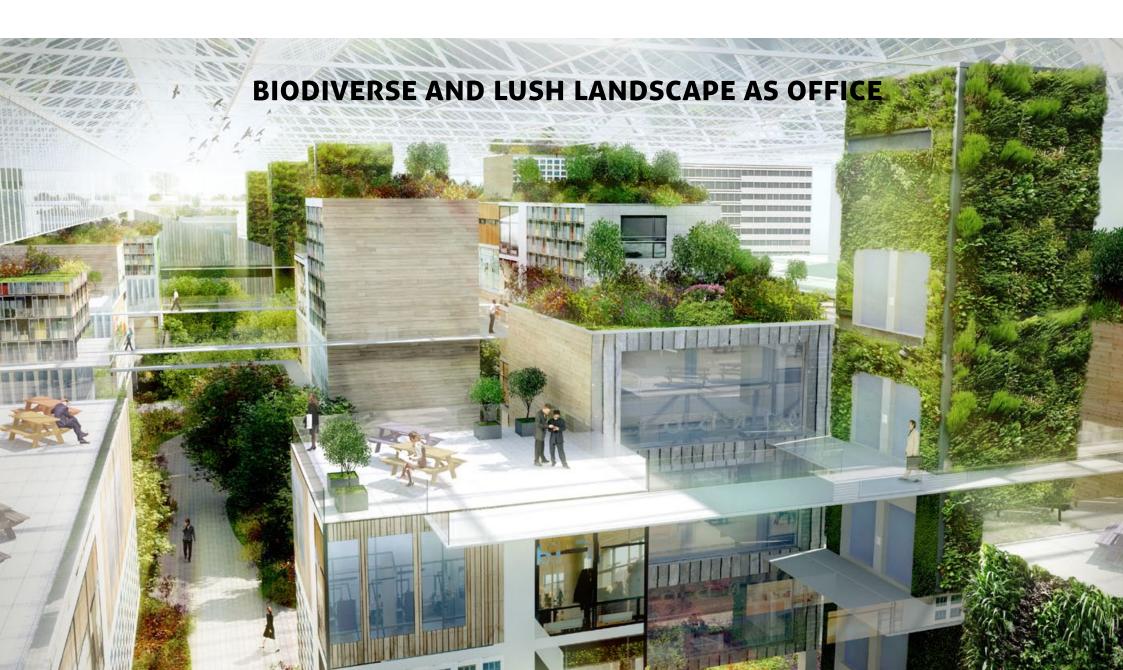
### Schiphol Catalyst 2014-2016

















#### SUSTAINABILITY PERFORMANCE ACROSS THE SPECTRUM

ENERGY POSITIVE

WASTE NEUTRAL

WATER POSITIVE

CIRCULAR

TOXIN FREE & HEALTHY

REGENERATIVE INTERNAL ECOSYSTEM

FULLY FLEXIBLE

LONG TERM FINANCIAL PROFIT



#### WE CAN MAKE MIRACLES HAPPEN



## WE CAN MAKE MIRACLES HAPPEN IF YOU REALLY WANT TO

### EXEEPT INTEGRATED SUSTAINABILITY









### DO IT BETTER TOGETHER

WWW.EXCEPT.NL















