



**Royal
HaskoningDHV**

Enhancing Society Together

Working at Royal HaskoningDHV

Lunch Lecture Mollier



Rik Maaijen

JOB

- Consultant Building Services / AD (2012)

EDUCATION

- Master Building Physics & Services | TU/e
- AOT-HIT-E | HU



16th Board
2011-2012

Bas Peeters

JOB

- Consultant Physics & Acoustics (2016)

EDUCATION

- Master Building Physics & Services | TU/e
- Bachelor Built Environment | AVANS



19th Board
2014-2015

Agenda

- ❑ Short introduction RHDHV
- ❑ Starting your carrier at RHDHV
- ❑ Building Physics
- ❑ Building Services
- ❑ Carrier opportunities

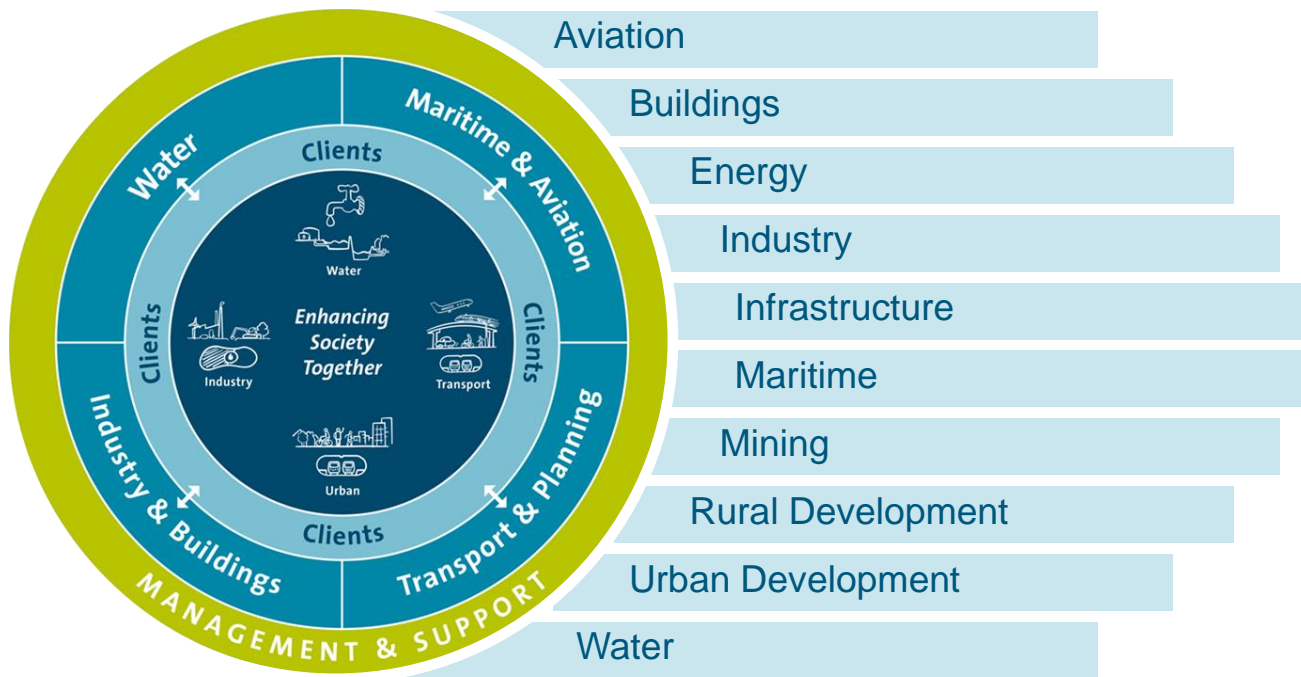
SHORT RHDHV INTRODUCTION

What we do? Who we are?

Where we are in the world



Our Organisation





Royal
HaskoningDHV
Enhancing Society Together

LET'S CREATE
A FUTURE TO
BE PROUD OF

STRONG

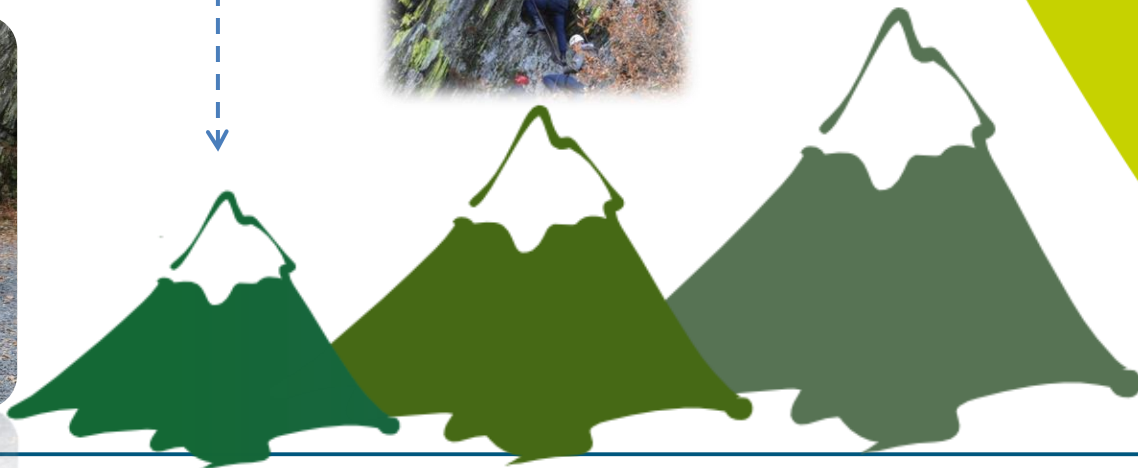
STARTING YOUR CARRIER AT RHDHV

Development? Big organisation?

Training & Education

Young Professional Program

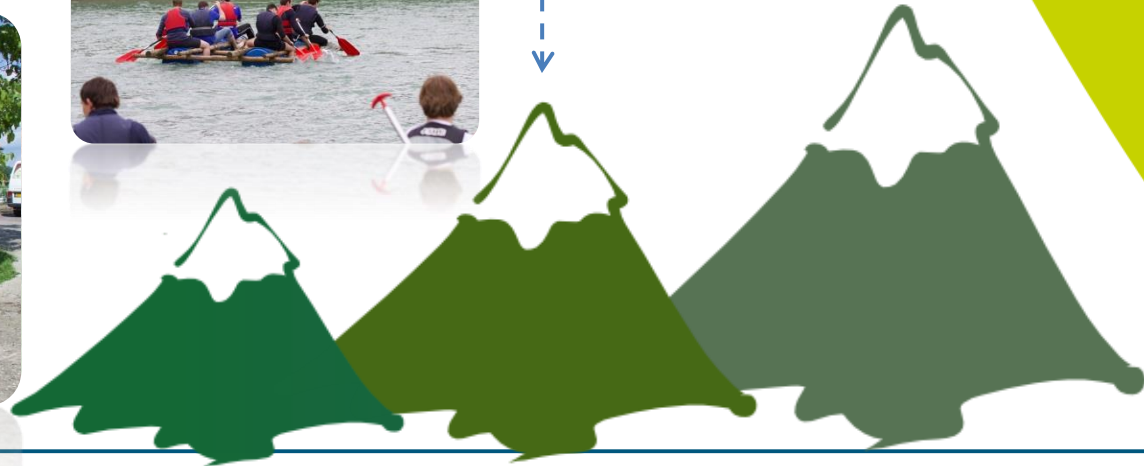
- Base Camp I
 - Personal Strengths and weaknesses
 - Personal Branding
 - Communication skills



Training & Education

Young Professional Program

- Base Camp II
 - Project Management
 - Influencing techniques
 - Negotiation Styles



Training & Education

Young Professional Program

- Base Camp III
 - Acquisition skills
 - Selling Techniques
 - Managing internal & external networks



Continuous development



Day-to-day work

- Modelling
- Measurements
- Design team meetings
- (Hand) Calculations
- Writing reports



BUILDING PHYSICS

Booking-campus Office building



Oosterdokeiland Amsterdam

65.000 m²

12 Stories

Architect: UNStudio



Sound Proofing facade





Room Acoustics

Sound
transmission

Speech
intelligibility

Background noise
levels





Daylight
Thermal comfort

Daylight vs
Thermal comfort





**Healthy and
Comfortable
Work environment**



**Daylight
Thermal comfort**



Sound Proofing



Room Acoustics



Air quality

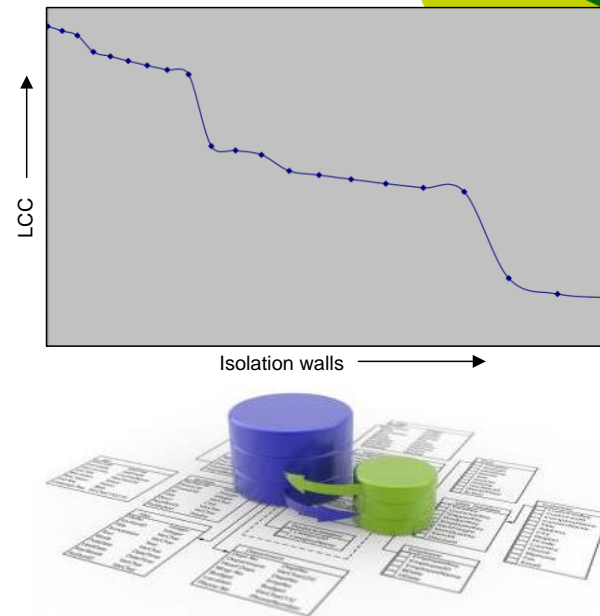


BUILDING SERVICES



SCHIPHOL

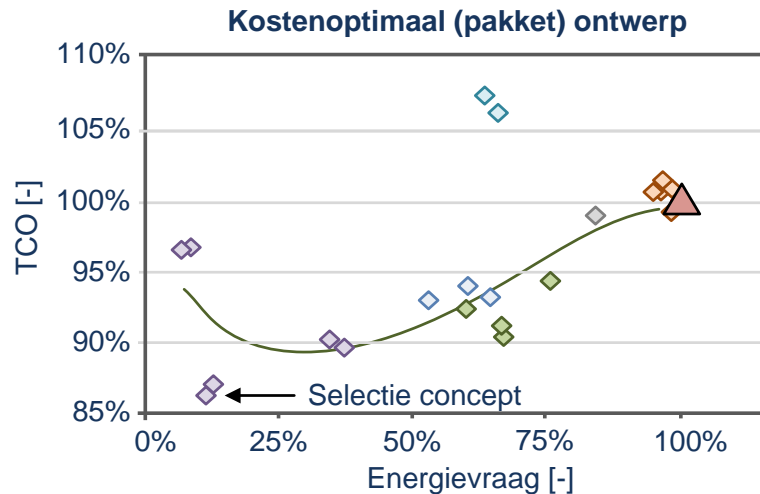
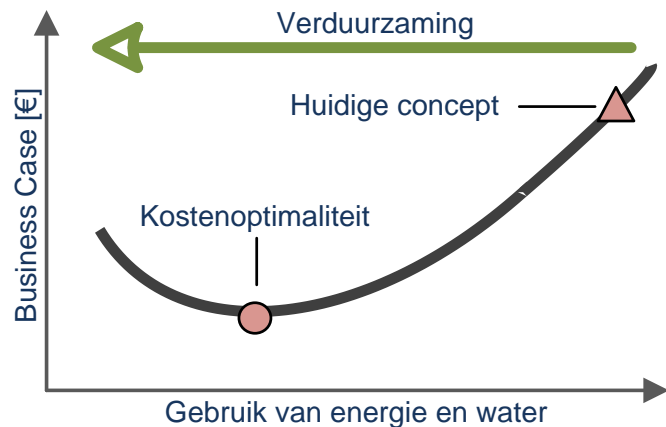
Central energy plant – Cost optimality (1/2)



Central energy plant – Cost optimality (2/2)

KWS3 Schiphol

Ontwerpen vanuit een duurzaamheidsvisie



ARUBA AIRPORT



TEAM



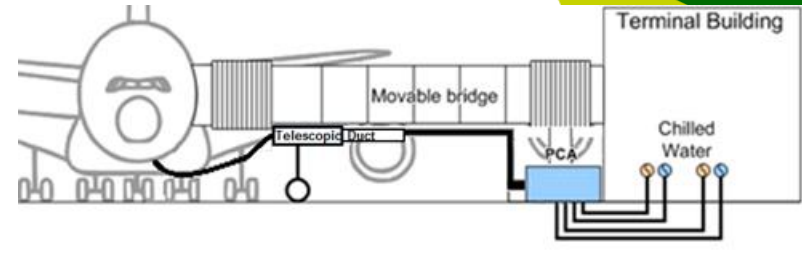
TOGETHER
EVERYONE
ACHIEVES
MORE



PBB's

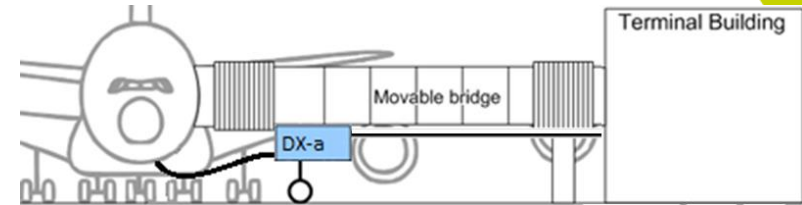
■ On Apron – Telescopic duct

This location can be used for all PCA system types, the cooled air can be transported beneath the movable bridge via a telescopic duct to reach close to the low pressure ground connector of the aircraft.

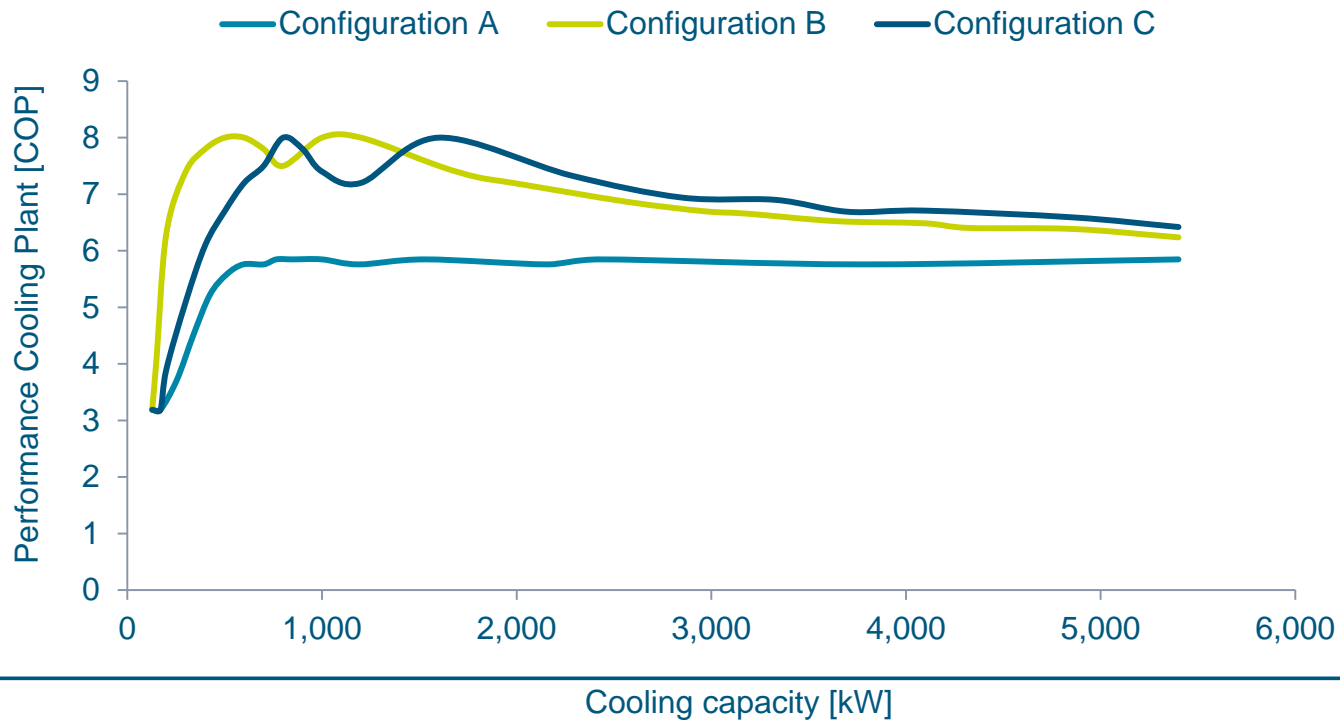


■ Under bridge (point of use)

By mounting the PCA unit underneath the bridge you are close to the low pressure ground connection. The PCA system will be a DX air-cooled system.



Chiller configuration



CAREER OPPORTUNITIES

Carreer Opportunities

Masterproject?

Your first job?

Internship?

Informal drink?

Graduation?

BUILDING PHYSICS

- Bas Peeters
- 06 8362 3937
- bas.peeters@rhdhv.com

BUILDING SERVICES

- Rik Maaijen
- 06 1047 2116
- rik.maaijen@rhdhv.com