



IAPH HAMBURG 2015  
29th WORLD PORTS CONFERENCE

• KURF.

JUNE

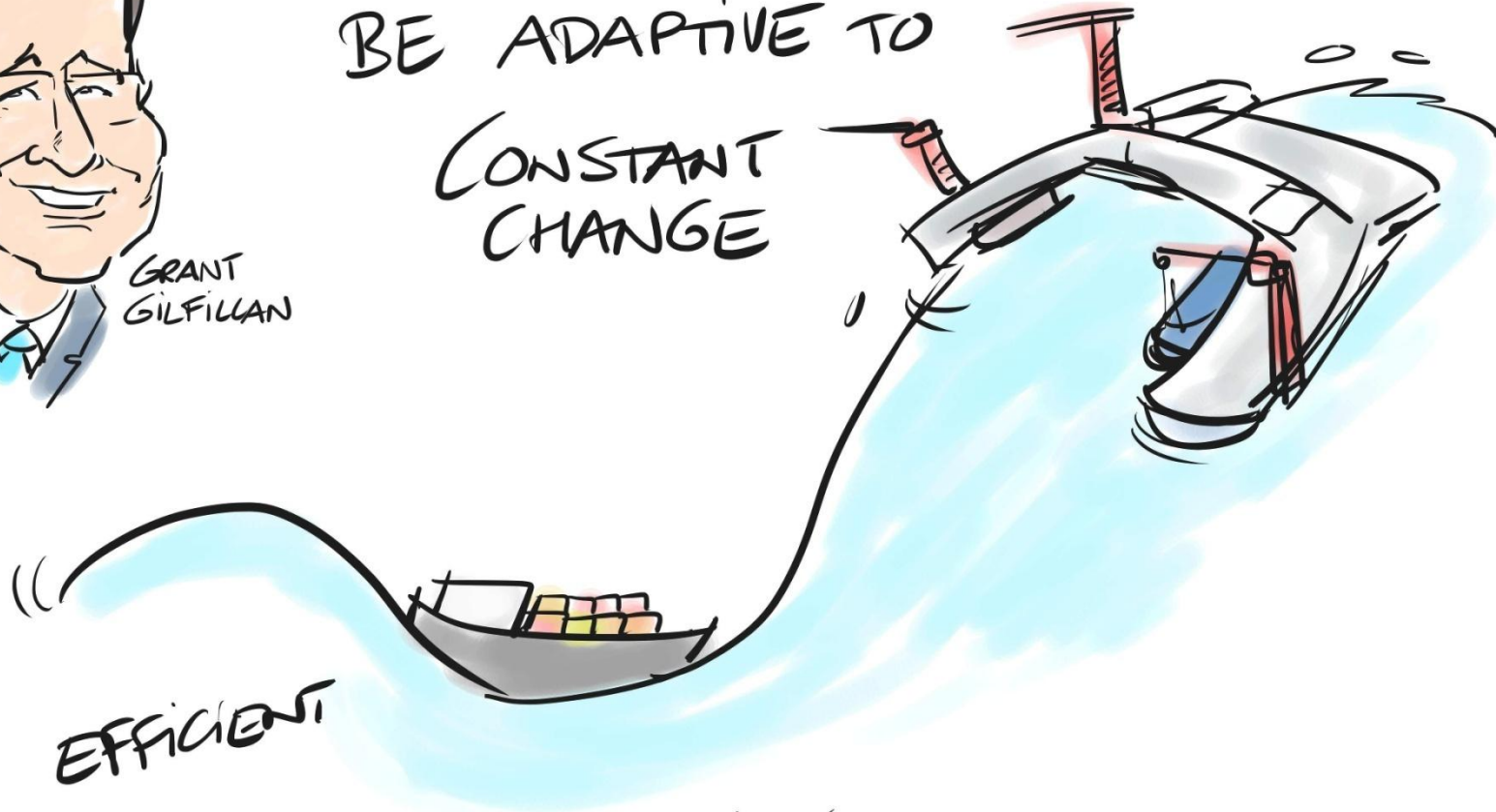
1ST - 5TH

2015

# IAPH



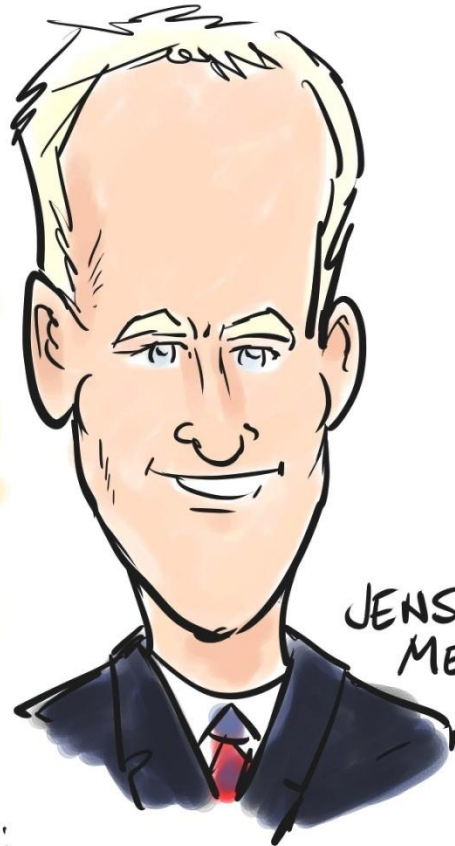
BE ADAPTIVE TO  
CONSTANT  
CHANGE



EFFICIENT

CALLING  
AT THE SMART PORT

GLOBALISATION



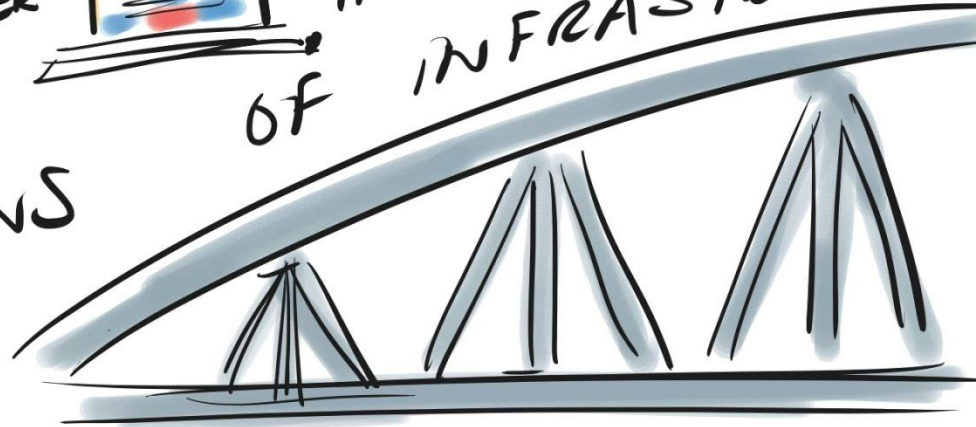
JENS  
MEIER

BE CREATIVE  
TO ADAPT  
THE FUTURE



INTELLIGENT USE  
OF INFRASTRUCTURE

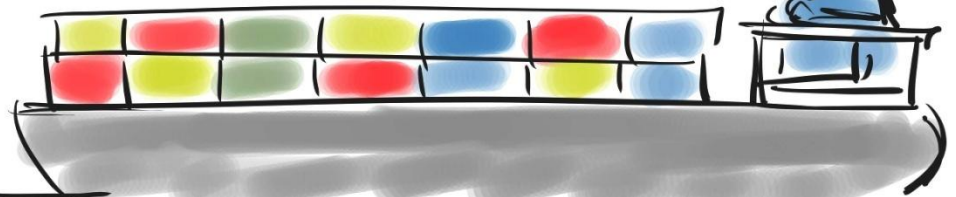
JOINT  
SOLUTIONS



HEE JOH HOO 



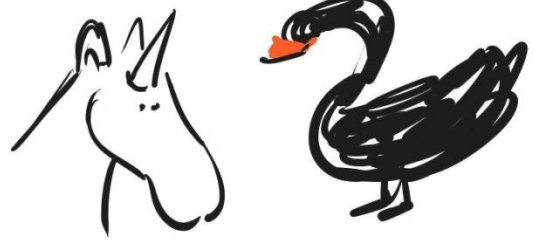
WELCOME TO  
THE  
SMART PORT  
HAMBURG 



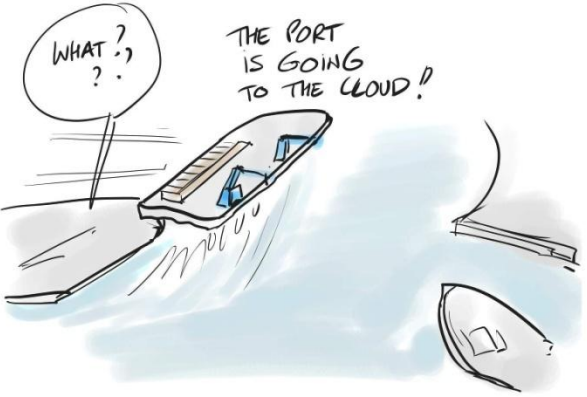


# BE CURIOUS

2030  
THE WORLD IS CONNECTED

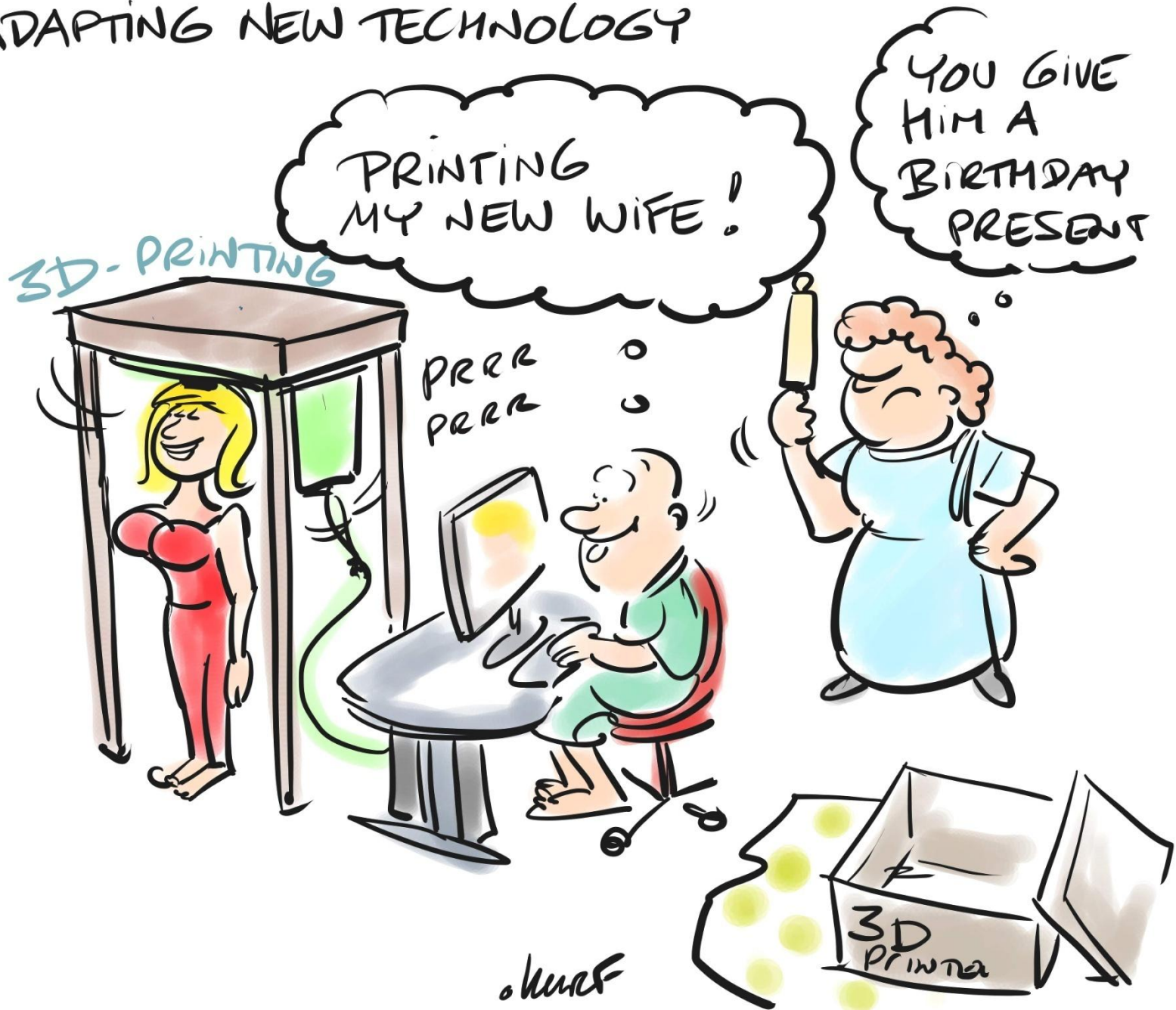


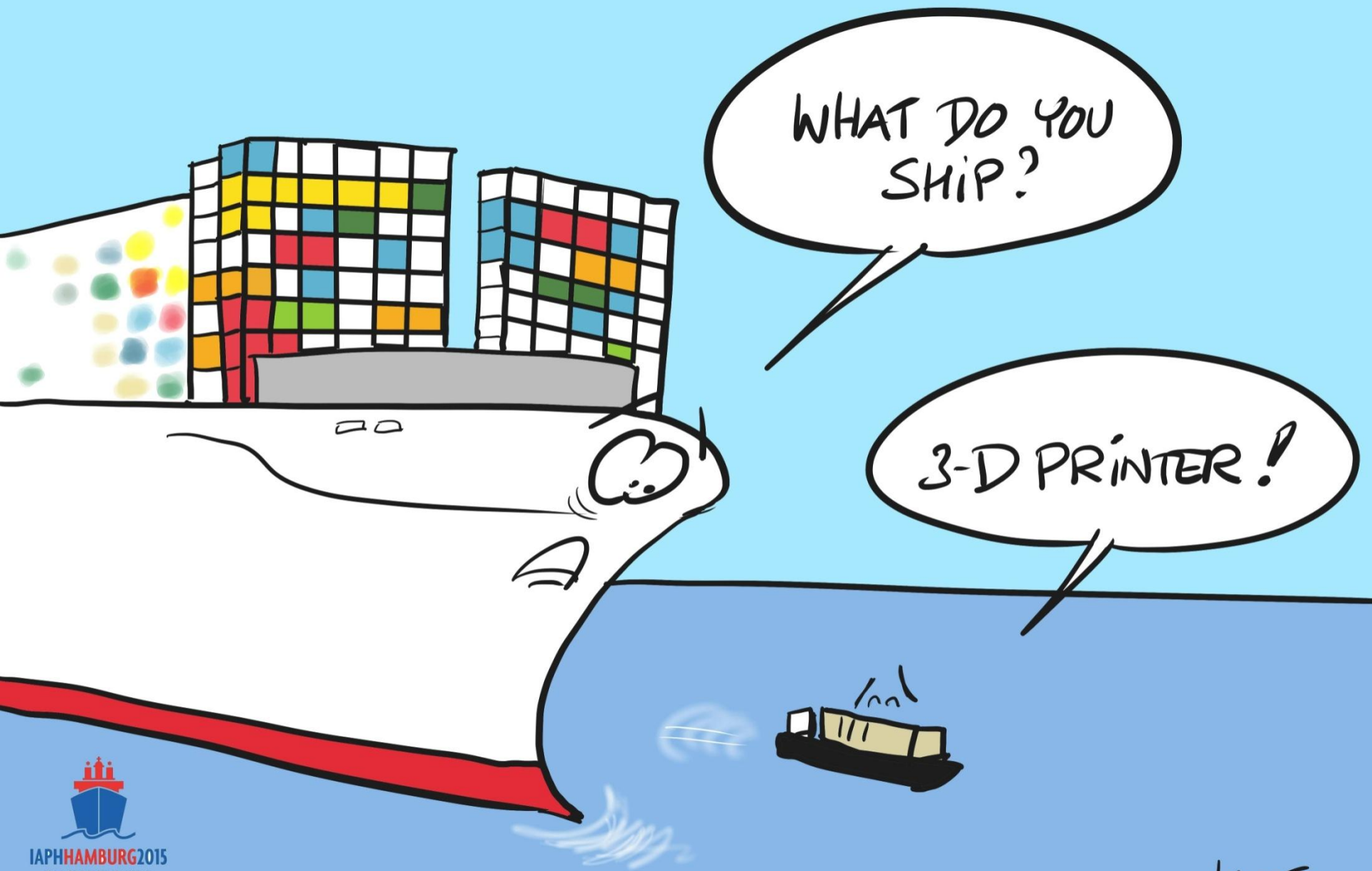
MAKER ECONOMY  
SHARING ECONOMY  
CIRCULAR ECONOMY  
EXPERIENCE ECONOMY



GERD LEONHARD

# ADAPTING NEW TECHNOLOGY





WHAT DO YOU SHIP?

3-D PRINTER!

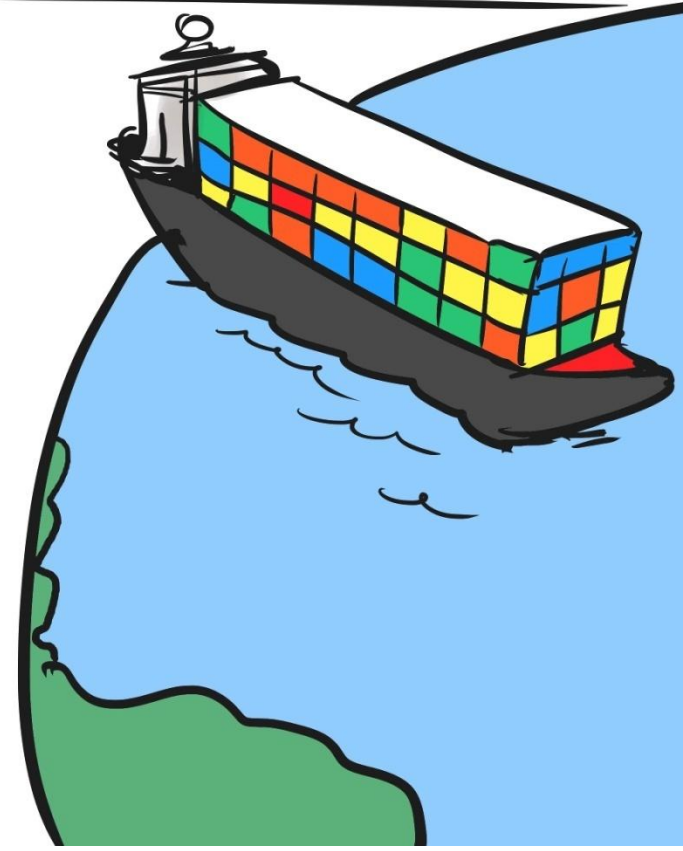
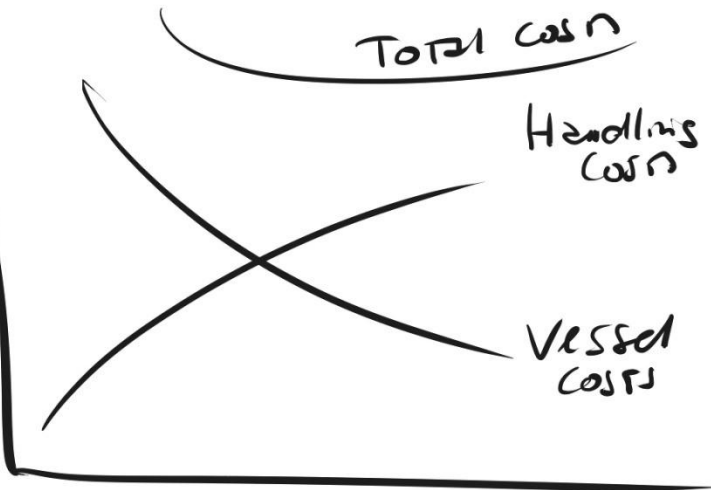
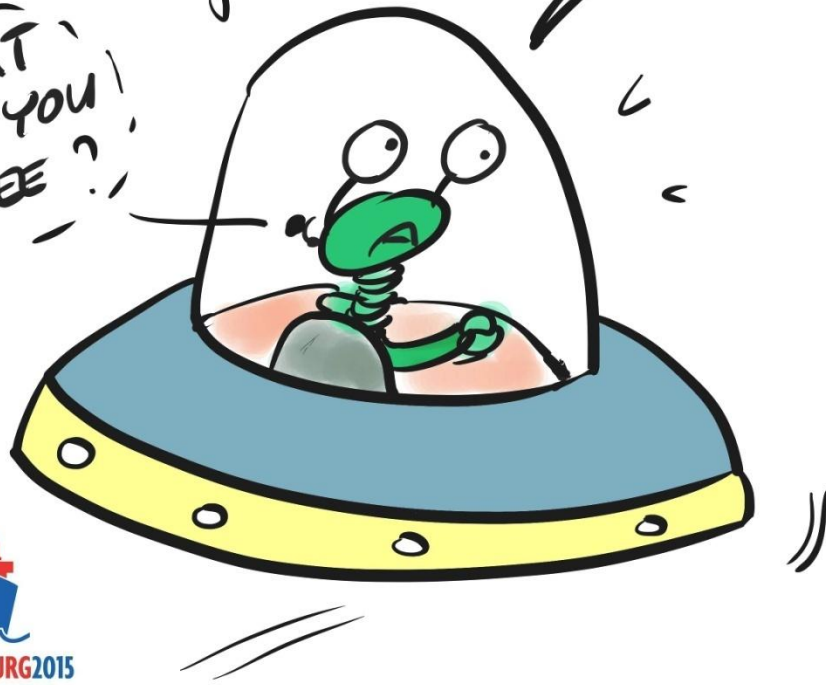




MEGA SHIPS!

A jagged, lightning-bolt shaped speech bubble containing the text 'MEGA SHIPS!' in a bold, hand-drawn font.

WHAT  
DO YOU  
SEE?

A speech bubble with a dashed border containing the text 'WHAT DO YOU SEE?' in a hand-drawn font.



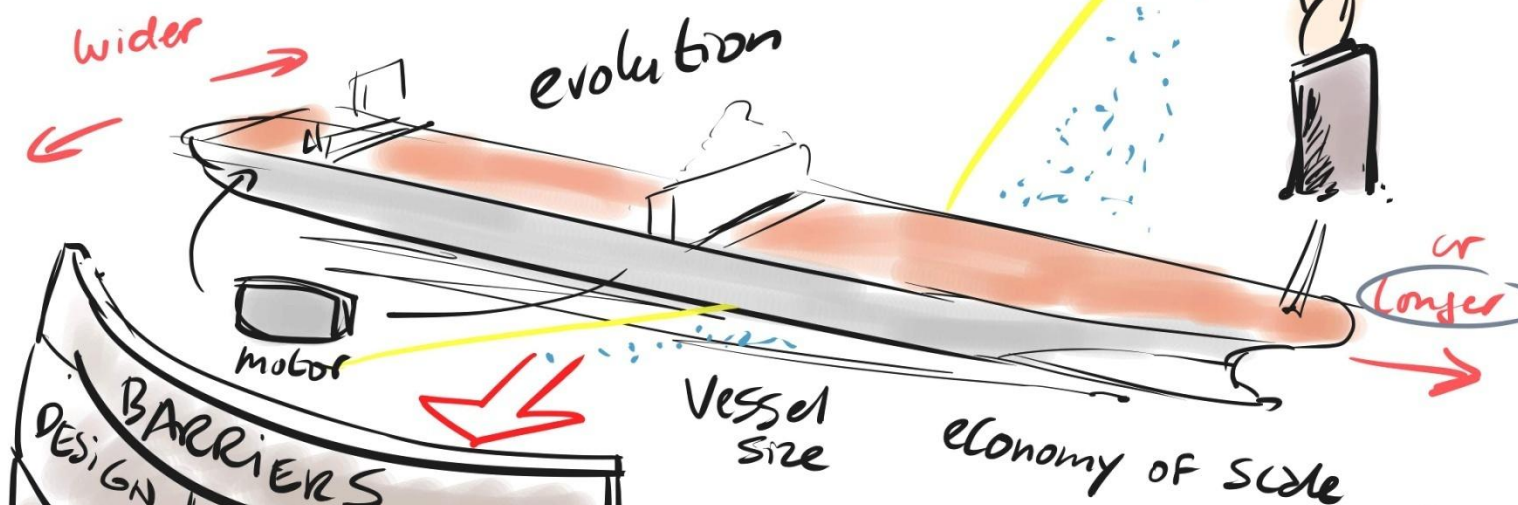
# BIGGER SHIPS BIGGER CHALLENGES

Year ?  
2020 ?

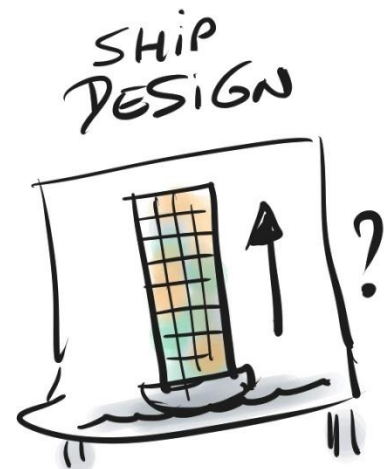
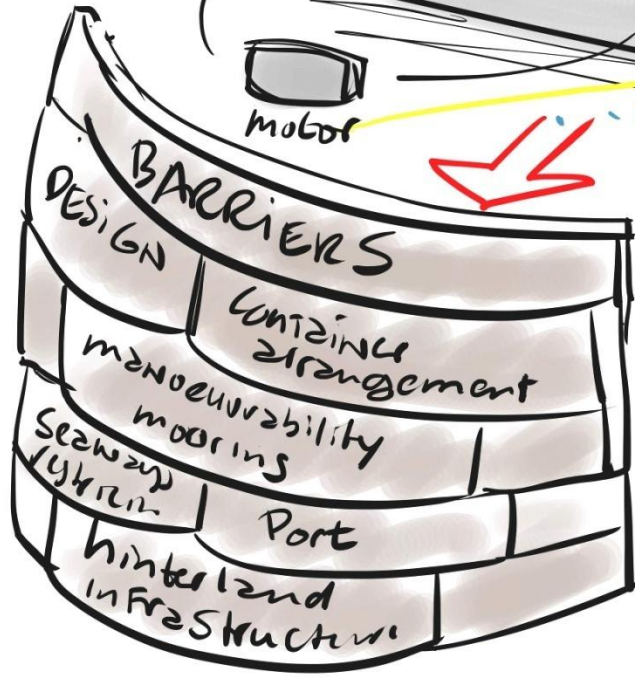
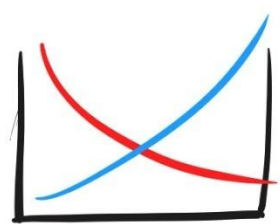
## WHERE IS THE LIMIT?



JOST  
BERGMANN

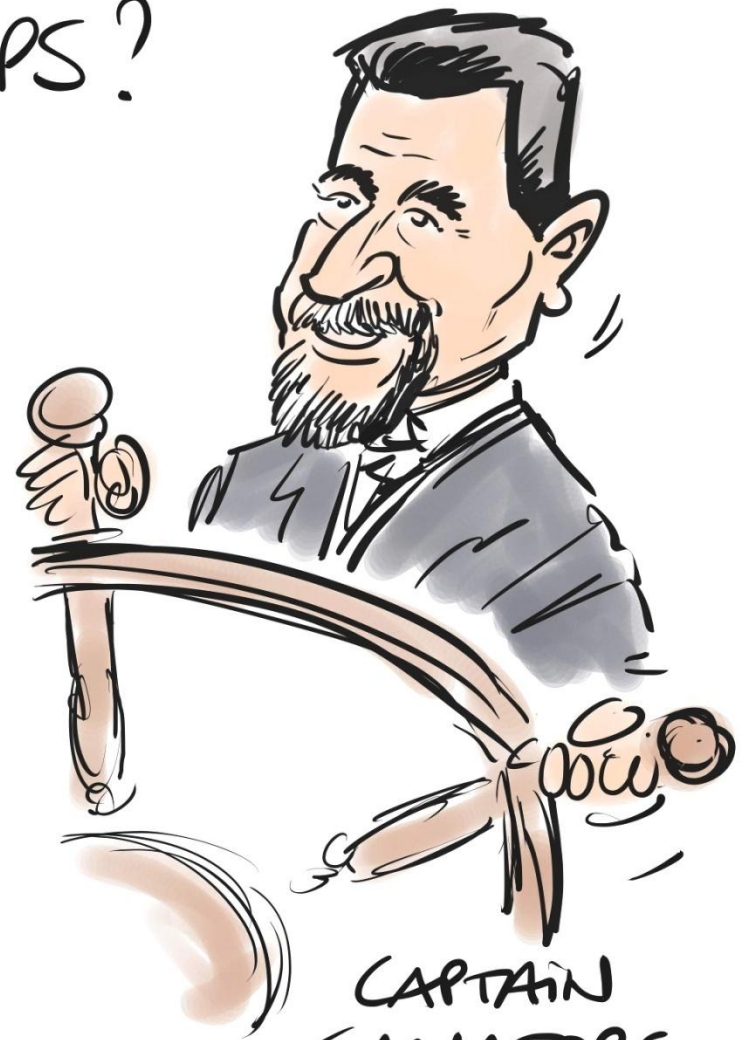


20.000



BIGGER SHIPS?  
WHY?

THINK ABOUT  
DANGER  
RESPONSIBLE



CAPTAIN  
SALVATORE  
CAFIERO



**SMART PORT HAMBURG**  
 MINISTER FRANK HORCH  
 LEARN OF EACH OTHER

2020  
 BIGGEST CONTAINER VESSELS

WORLD DEEPENING TO 16.5M

SMART PORT LOGISTICS  
 POPULINE CRUISE DESTINATION

2024

**IAPH**  
 BE ADAPTIVE TO CONSTANT CHANGE

EFFICIENT

CALLING AT THE SMART PORT

**IAPH HAMBURG 2015**  
 29th WORLD PORTS CONFERENCE

• KURF.  
 JUNE  
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 2015

**DAY 1**

GLOBALISATION

**HPI**

BE CREATIVE TO ADAPT THE FUTURE

JOINT SOLUTIONS

INTELLIGENT USE OF INFRASTRUCTURE

ENAK TEREMIAN  
 CITY OF HAMBURG CALLING AT THE SMART PORT

NEW CHALLENGES

LOGISTICS

HAMBURG

SMART TRAFFIC MANAGEMENT

SMART PORT ... 2030

PORT OF HAMBURG

• KURF

Intelligent Traffic Control

Efficient Supply for Harbors

Security Harbors & Trade Terminal

AMJ BUSINESS MARKET POWER

BAGUETTE MAGIQUE

Harbors of future

2030

BE CURIOUS

MAKING SHARING CIRCULAR EXPERIENCE

EXPERIMENTAL CHANGES

GEN LEHMANE

HEE JOH HOO

WELCOME TO THE SMART PORT HAMBURG

WORLD TRADE GROWTH

REGIONAL DIMENSIONS

TRADE PROJECTIONS

EXPORT GERMANY

• KURF

BIGGER SHIPS  
 BIGGER CHALLENGES

WHERE IS THE LIMIT?

Year 1 2010

20,000

evolution

SHIP DESIGN

SHIP SIZE

Economy of scale

MEGA SHIPS!

WHAT DO YOU SEE?

TOTAL COST

Handling cost

Vessel cost

INTERNATIONAL SHIPPING IN 2035

THREATS

OPPORTUNITIES

EFFICIENCY

• KURF

WELCOME

TRAFFIC MANAGEMENT SYSTEM

FAIRWAY ADAPTION

REV. TRAFF. SYSTEM

ADV. LEGAL

GEN. CONDITIONS

JÜRGEN ROLLMAN

BIGGER CRANES

TERMINAL OPERATOR

BENJAMIN LAI

PARTICIPATOR ANTARCTIC...

ICE COLD PLEASE

BAR

BIGGER SHIPS? WHY?

THINK ABOUT DANGER RESPONSIBLE

CAPTAIN SALVATORE CAPICCI



# SMART PORT HAMBURG

ENERGY

LOGISTICS



SMART SWITCH



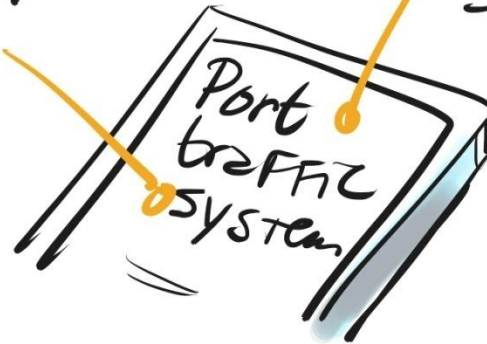
SMART PARKING



ADAPTING EXISTING SYSTEMS TO NEW IT

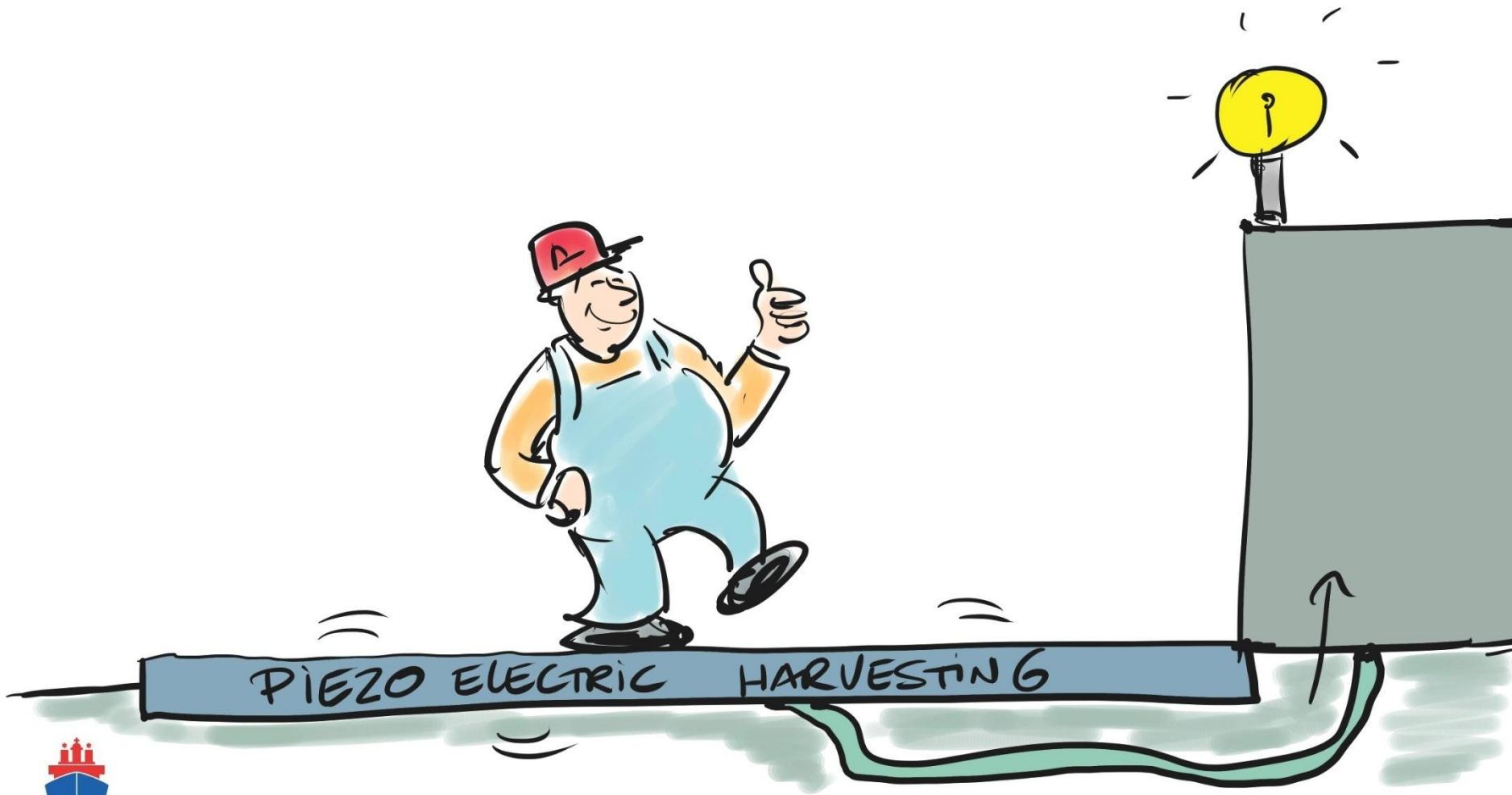
INTEGRATING & CONNECTING EVERYTHING

IS NOT EXPENSIVE



SMART TAG



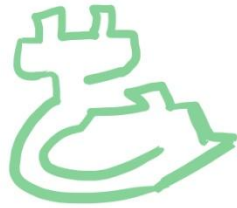




MONIKA  
BREUCH-MORITZ



IMPLEMENTATION

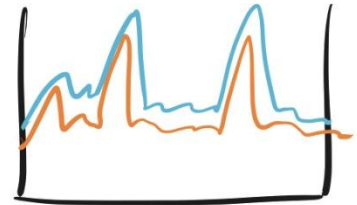


INTERNATIONAL  
ENVIRONMENTAL  
STANDARDS  
AT  
SEA

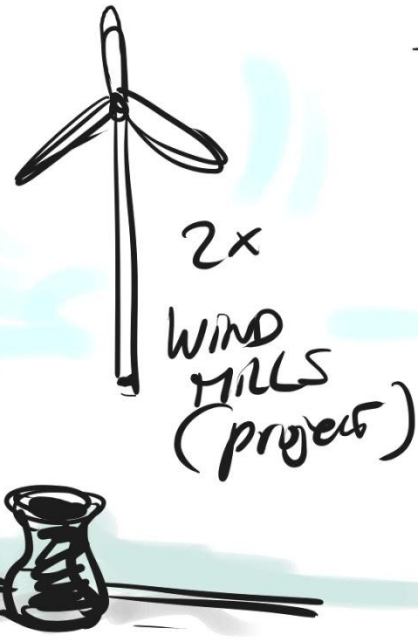
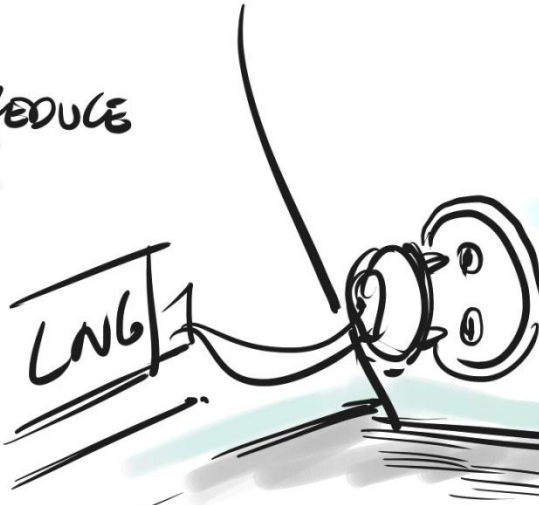
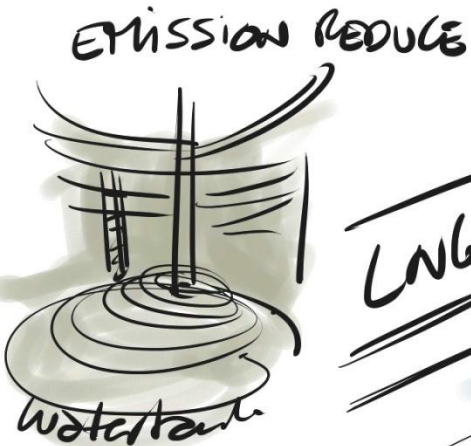


SECA / ECA

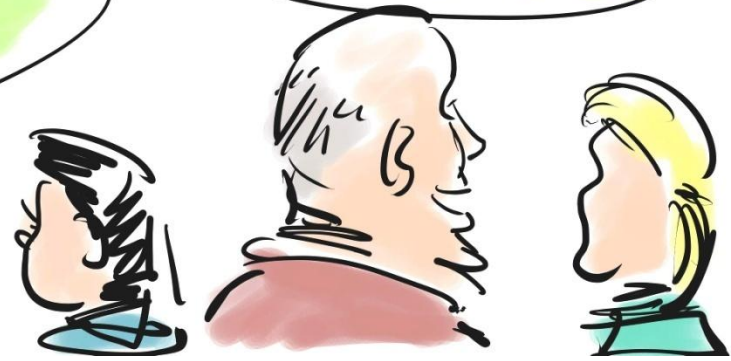
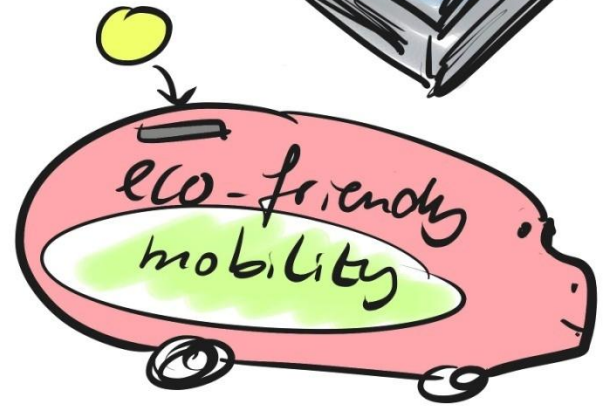
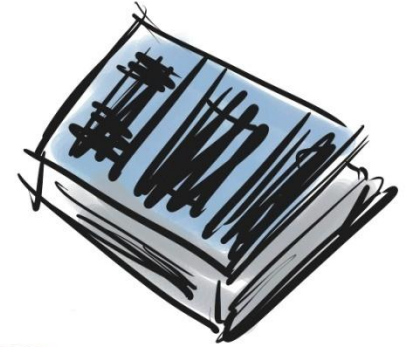
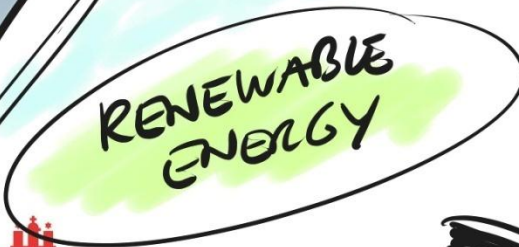
RIGHT FUEL!



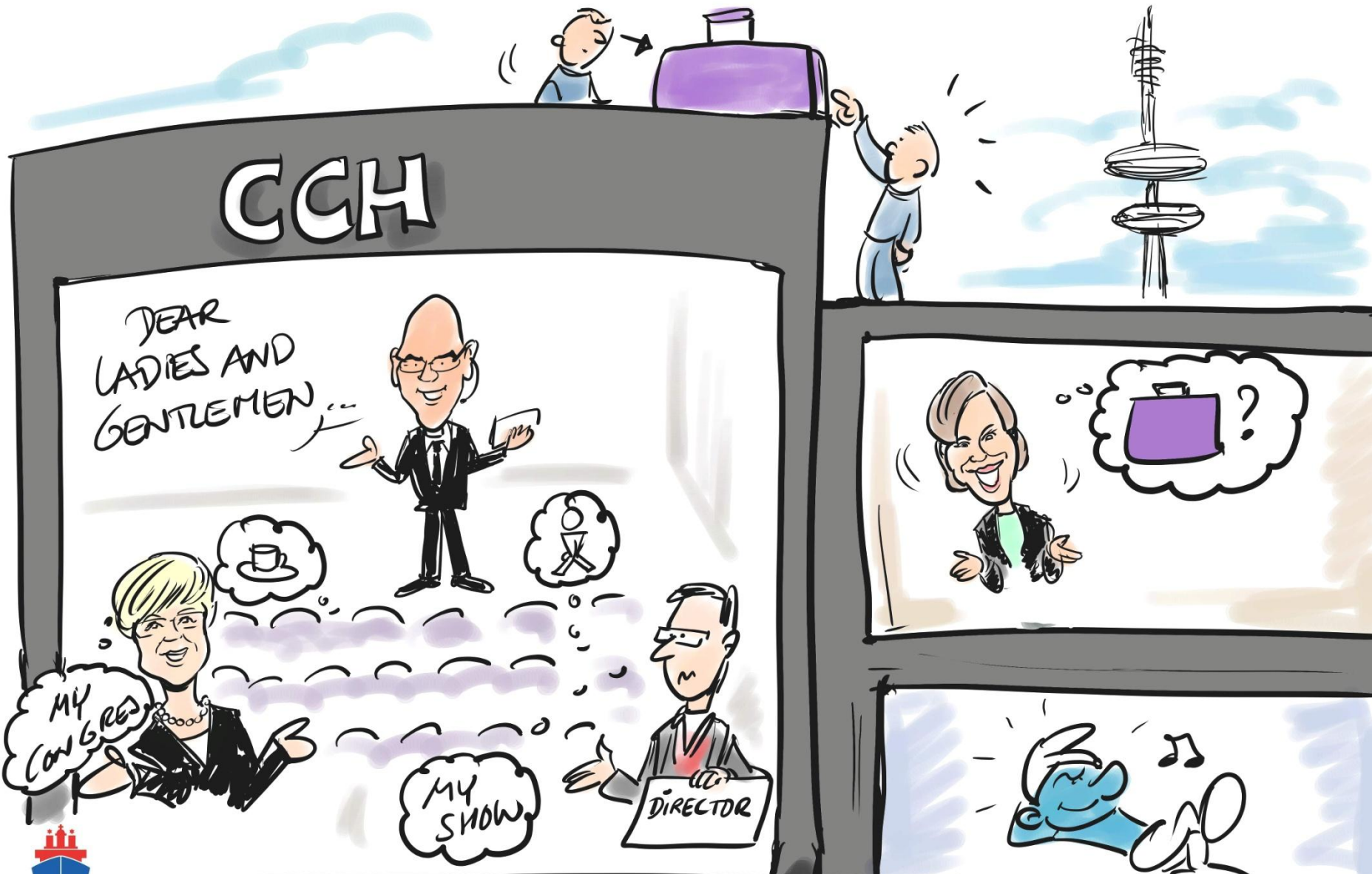
# SMART PORT ENERGY



# EXPERIENCE OF THE PORT OF HAMBURG







CCH

DEAR LADIES AND GENTLEMEN...

MY CONGRESS

MY SHOW

DIRECTOR

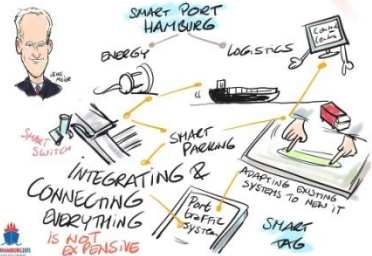
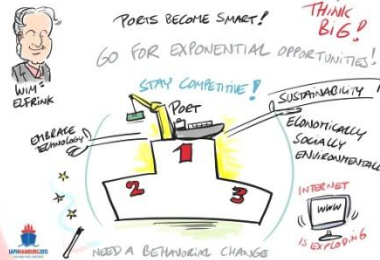
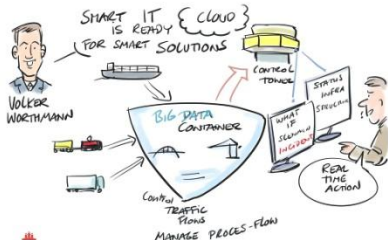
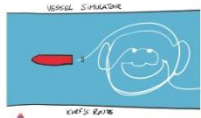
?

KOFFER DIEB SCHLUMPF

o Murk





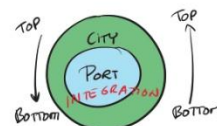


• KURF.  
JUNE  
1ST - 5TH  
2015

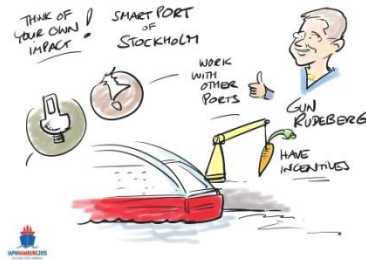
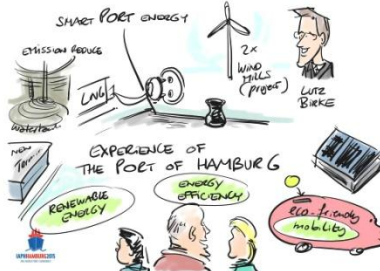
# DAY 2



VANEGIA'S VIEW



GLOBAL TRANSPORT



KURF

2015: 23 MILLION OCEAN  
1 MILLION RIVER  
CRUISE

PARADISE



DOUGLAS  
WARD

PORTS,  
IT'S ALL  
ABOUT  
PRESENTATION!

CRUISE INDUSTRY  
HAS GREAT POTENTIAL

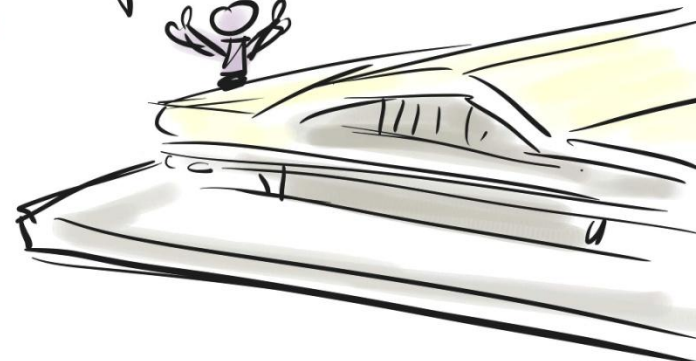


PORTS, TAKE YOUR  
CHANGE!

SHORE EXCURSIONS



WELCOME



ECONOMIC  
BENEFIT

CITY

CRUISE  
TERMINAL  
OPERATOR

HELLO!

PORT



IAPH HAMBURG 2015  
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# HONGKONG'S ACTION TO CLEAN UP MARITIME EMISSION

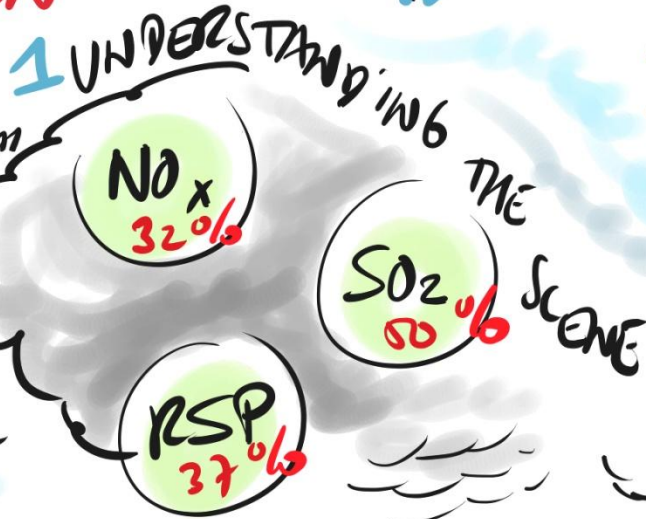


CHRISTINE LOH



LONG TERM goal

AIR POLLUTION  
EMISSIONS  
NUISANCE  
PUBLIC HEALTH  
VISUAL



4. REGIONAL COLLABORATION

3. SUPPORT FOR LEGISLATION  
FUEL SWITCH  
MARINE LIGHT POLLUTION



2015: 23 MILLION TONNAGE CRUISE INDUSTRY HAS GREAT POTENTIAL

ECONOMIC BENEFIT  
 CRUISE TERMINAL OPERATOR  
 HELLO!  
 PORT  
 WELCOME  
 SHORE EXCURSIONS  
 CRUISE SHIP  
 PORTS, TAKE YOUR CHANGE!  
 WELCOME  
 STAVROS NIARCHOS  
 PORTS, WARD IT'S ALL ABOUT PRESENTATION!

LAPH HAMBURG 2015  
 29th WORLD PORTS CONFERENCE

.KURF.  
 JUNE  
 1ST - 5TH  
 2015

DAY  
 3

LET'S GO  
 TO BUSAN  
 IT'S GREAT

CHA HAN-SUK  
 BUSAN PORT

ROBERTO PEROCCHIO  
 VENEZIA TERMINAL PASSENGER  
 WELCOME!  
 CRUISE SHIP  
 NO WAITING TIME

NEED FOR INFRASTRUCTURE  
 EDUCATE  
 STRATEGIC ASSET  
 COLLABORATE  
 ORGANIZE THE LOCAL STAKEHOLDERS  
 BO LARSEN  
 PORTS?

CLEAN AIR IN PORTS IMPROVING AIR QUALITY

WORK TOGETHER  
 ACTION  
 HAZARD WHY NOT? CLIMATE  
 STOCKHOLM  
 SHG  
 PORTS  
 TORFINNE  
 BATTERY

ANDRZEJ PORCZYNSKI  
 NABU

THINK ABOUT THE BIG FIGURE  
 WELCOME!  
 MICHAEL UNGERER  
 ADA  
 2014  
 HAMBURG

CLEAN AIR 2.0  
 CLEAN AIR ACTION PLAN  
 ETAP TERMINAL EFFICIENCY LOOKING AHEAD  
 EMISSION REDUCTIONS  
 INTERNATIONAL CLIMATE COLLABORATION  
 NON-COMBUSTION BASED TECHNOLOGY  
 80% REDUCTION  
 VACCUM CLEANING

BIGGER VESSELS...

Ho!  
 Ho!  
 CRANES  
 IMPACT ON THE SUPPLY CHAIN

DISCUSSION  
 CORPORATE RESPONSIBILITY & BUSINESS CHALLENGE  
 IMPROVE GOVERNANCE  
 INVEST EMISSION REDUCTION  
 DIFFERENT ROLES FOR REGION

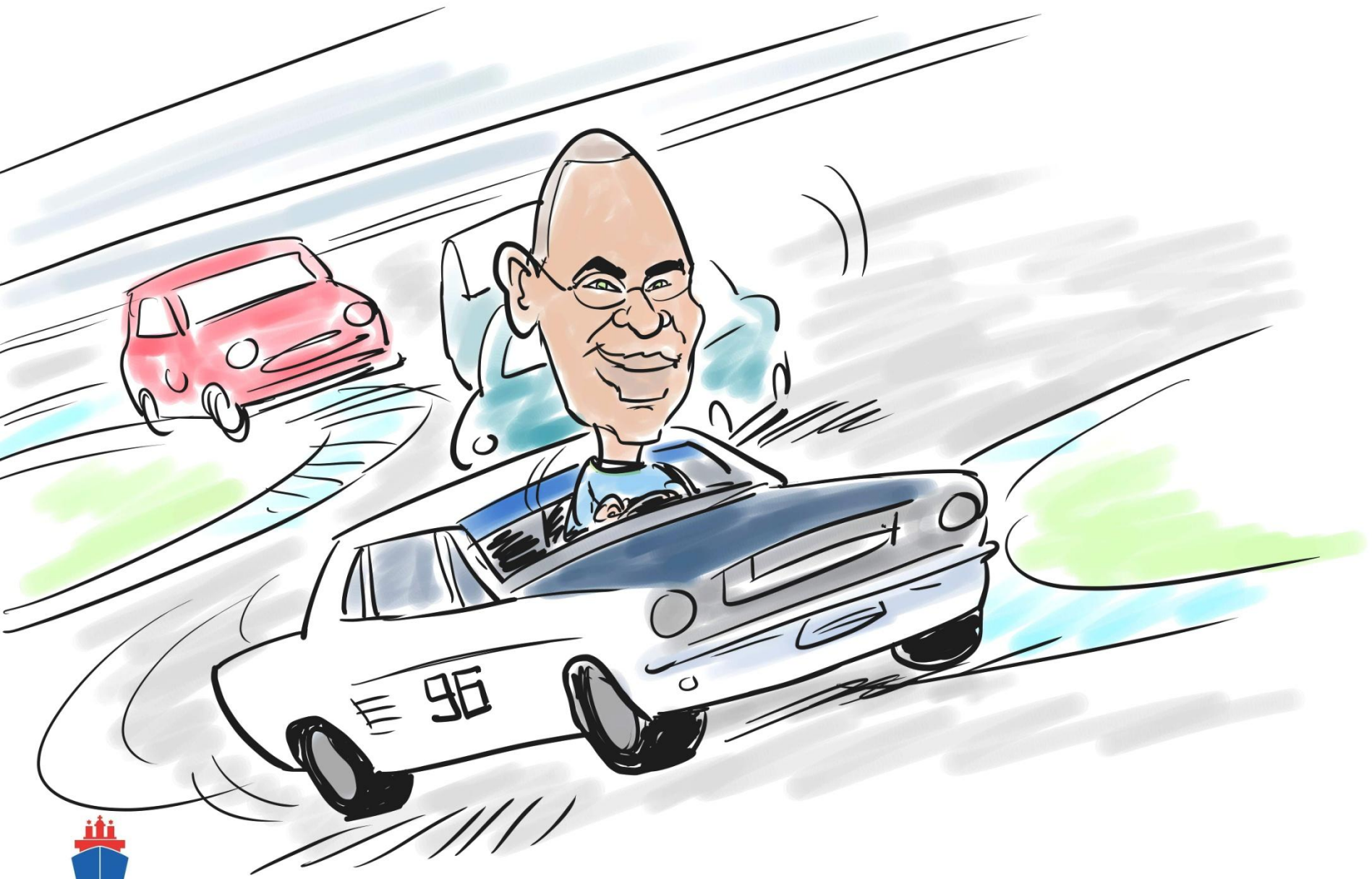
COPENHAGEN MARITIME PORT  
 LACK OF STAKEHOLDERS!  
 COLD LEANING  
 SENATORS  
 IMPROVED AIR QUALITY  
 CITY PLANNING  
 CLOSING THE PORT IN 1 HOUR

WHAT DO YOU SHIP?  
 3-D PRINTER!

HONGKONG'S ACTION TO CLEAN UP MARITIME EMISSION

CHRISTINE LOH  
 AIR POLLUTION  
 EMISSIONS  
 PUBLIC HEALTH  
 VISUALS  
 1. IMPROVING THE  
 2. STAKEHOLDER LEADERSHIP  
 3. SUPPORT FOR LEGISLATION  
 4. REGIONAL COLLABORATION  
 EMISSION CONTROL AREA  
 LONG TERM GOAL  
 FUEL SWITCH  
 PUBLIC PRIVATE PARTNERSHIP  
 FINE WITH PENALTY

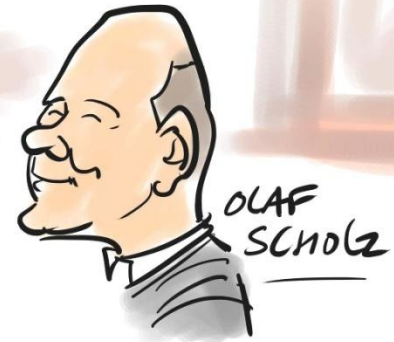






SABINE  
STÜBEN

SPEAKING  
ON THE TOWN HALL



OLAF  
SCHOLZ