

# Climate risk scenario analysis 2019

*For presentation KCAF*

30 January 2020

ABN AMRO Risk Management Mortgages / Central Risk Management / Group Economics

# STRATEGY

**Purpose:**

**BANKING FOR BETTER,  
FOR GENERATIONS TO COME**

---

**Strategy:**

**ACCELERATING THE  
SUSTAINABILITY SHIFT**



# SUSTAINABLE FOCUS AREAS



**Accelerating the transition  
to a circular economy**



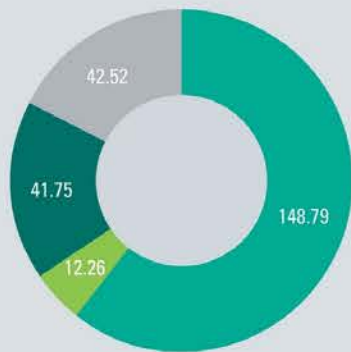
**Combat  
climate change**



**Making positive impact  
on society**

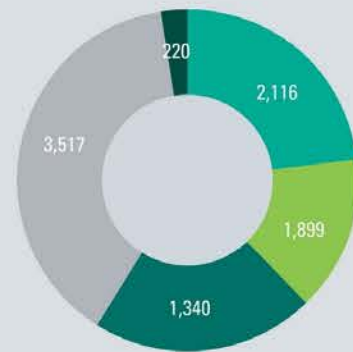
# ABN AMRO AT A GLANCE

**Loans and advances to customers (2018)**  
(in EUR billions)



- Residential mortgages
- Consumer loans
- Commercial banking loans
- Corporate & Institutional banking loans

**Operating income by business (2018)**  
(in EUR millions)



- Retail Banking
- Commercial Banking
- Private Banking
- Corporate & Institutional Banking
- Group Functions

**Net profit**  
(in EUR millions)



**Return on equity**



**Retail sales made digitally**



**Employee engagement**





# CLIMATE RISK

# TCFD

TASK FORCE ON  
CLIMATE-RELATED  
FINANCIAL  
DISCLOSURES

**Fysiek risico** van de effecten van klimaatverandering.

**Transitie risico** van de efforts om klimaatverandering tegen te gaan.



# MISSION 2030: MAKING REAL ESTATE MORE SUSTAINABLE

## Our ambition:

By 2030, all residential properties and offices we finance will average an energy label A, including our own offices.







1:116



# Doorrekening door de keten heen



Klimaat experts



Techneuten



Bankiers



# Hoe werkt risicomanagement bij een hypotheekbank?

## ABN Amro

### Assets

Hypotheeken  
Liquide middelen

### Liabilities

Eigen vermogen  
Vreemd vermogen

## Fysieke risico's



# De huizenmarkt in Nederland .....



# Vijf lagen model 'Physical Risk Assessment'



HET WEER IN 2030 & 2050



FYSIOLOGISCHE IMPACT



KWETSBAARHEID ONDERPAND



FINANCIELE VEERKRACHT EIGENAAR



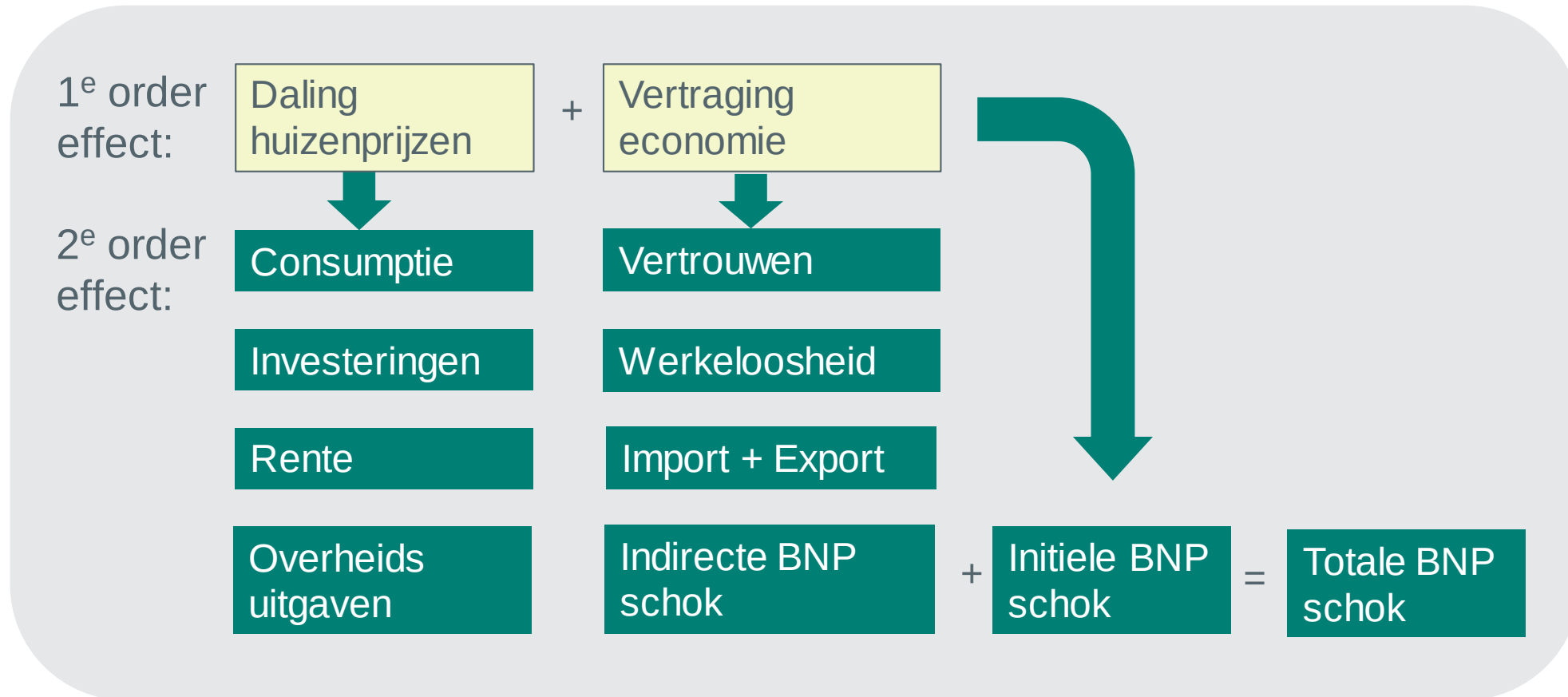
IMPACT OP BANK EN KLANT

## Macro effecten

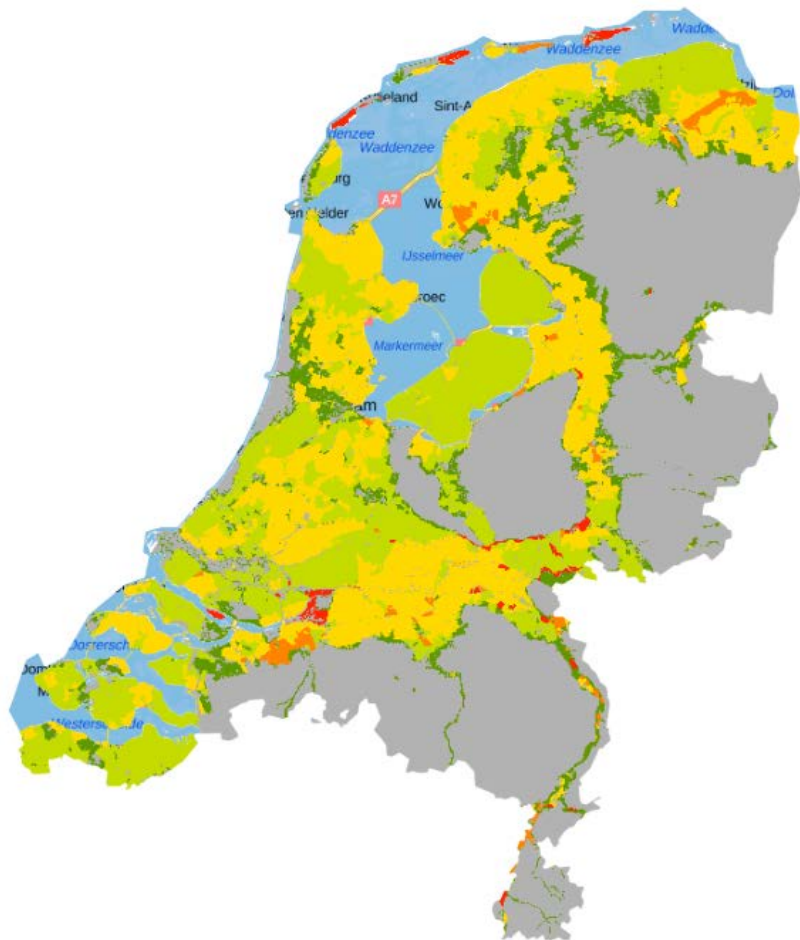




# Macro-economisch effect



# Kans op schade door overstroming en droogte



Kans op 50 cm overstroming



Kans op paalrot

# Hypotheek impact: een 3-trapsraket

## Huidig

Bestaande  
portefeuille

Waarde

Loan to  
Value

Voorziening

Kapitaal

Winst

## Schade

Overstroming

Paalrot

Waarde

Loan to  
Value

Voorziening

Kapitaal

Winst

## Reparatie

Spaargeld

Hypotheek 2%

Hypotheek 0%

Executie  
verkoop

Waarde

Loan to  
Value

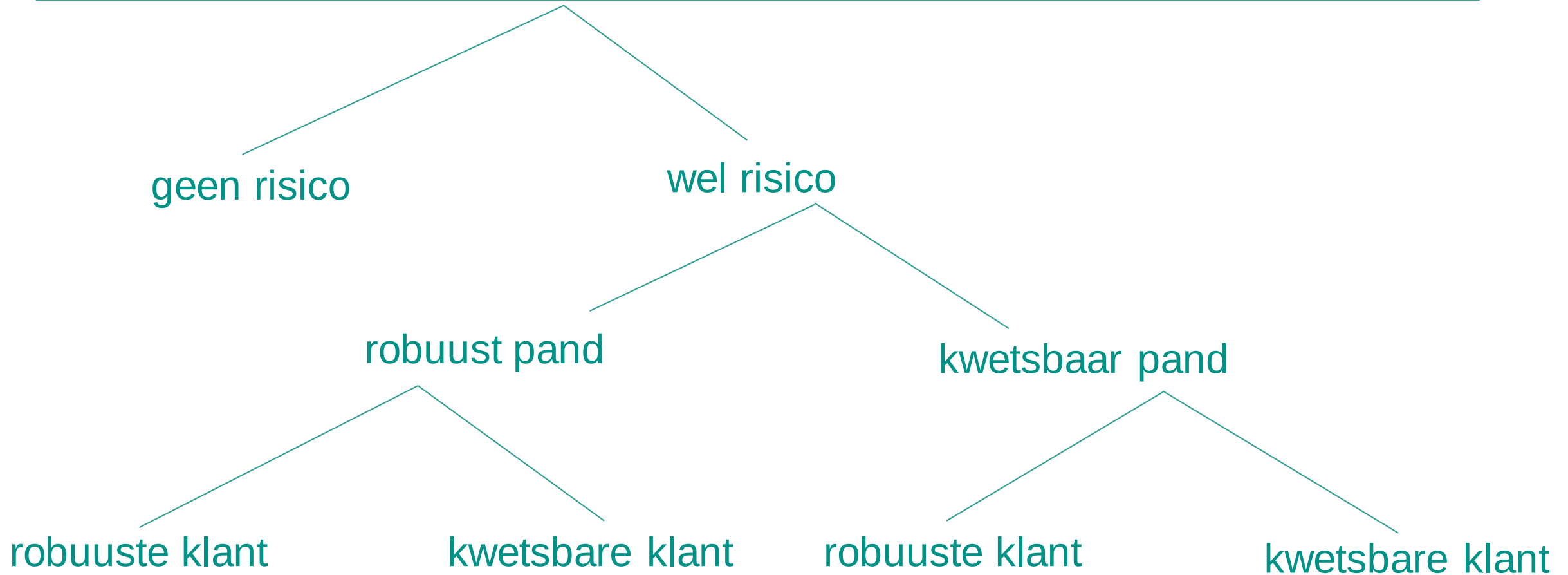
Voorziening

Kapitaal

Winst



# Naast impact op de bank, ook aandacht voor kwetsbare klanten





**Dank voor uw aandacht!**

Christiaan Schreuder  
Marieke Abcouwer  
ABN AMRO