Regulatory and Economic Capital January 2024



# Capital Cockpit

Holistic oversight, management and optimisation of your capital



### Capital is THE bottleneck for banks, and supervisory expectations continue to rise! PwC's Capital Cockpit facilitates making the best use of your capital stock

Why would you consider performing a capital optimisation?

#### As a response to new regulation:

Supervisory capital requirements were significantly increased with the implementation of Basel III. Over and above this, new measurement approaches for the Pillar 1 risks are currently being implemented following the introduction of Basel IV/CRR III. How is this affecting your bank?

#### To determine internal capital adequacy:

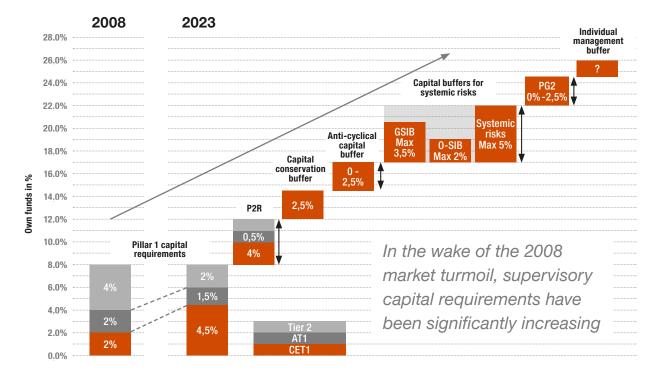
The ICAAP and the underlying approaches have been overhauled by the ECB as well as DNB in recent years. Material capital risks will have to be covered by economic capital, but there's both a high degree of discretion on the methods applied as well as ongoing adequacy assessments by the regulatory watchdogs.

How much risk is your bank assuming, what amount of economic capital do you need for this and how do you justify your approaches?

#### To monitor and forecast your capital situation:

Your business strategy and the medium-term business forecasts as well as your risk appetite determination and associated capital allocation needs to be supported by a robust and detailed capital plan.

How do you anticipate your future capital needs? How are you demonstrating this to the supervisory authorities?

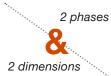


#### - Do you really make the best use of your capital? ------

- · Are you applying capital-efficient approaches to cover your risks
- Do you know the risk-return relation of the capital you have invested
- · Are you taking informed decisions when assuming new business - and risks?
- Do you have a holistic overview of your future capital requirements?

#### In most cases this is a self-funding exercise!

Our approach is based on two phases across two dimensions



# Phase I Analysis of Capital Status and Optimisation of Capital Consumption

Phase II
Ongoing Monitoring and forwardlooking Capital Management

# Regulatory capital



Creation of a RWA map and benchmarking incl. plausibility check of anomalies in the data stock

- Exposure classes
- Product types
- Customer types
- Organisational units

Analysis of the RWA/return ratio Analysis of the approaches used Analysis of CRR III projections The PwC Capital Cockpit is an integrated solution that combines the results of our analysis and capital optimisation work with a forward-looking toolset to effectively manage your capital.

The Capital Cockpit will be tailored individually to the requirements and needs of your bank. Inter alia, it will provide transparency on the following elements:

- Capital usage both related to regulatory and economic capital
- Capital planning and forecasting
- Adherence to capital limits and KPIs
- Usage of allocated capital

PwC Capital Cockpit

# Economic capital



### Assessment of the ICAAP concept

- Assessment of the economic capital
- Assessment of the estimation of material capital risks and the underlying quantification approaches
- Identification of optimisation potentials (determination/processes)

### Analysis of risk drivers incl. risk/return ratio

 Case-by-case comparison with RWA consumption

### Assessment of the margin calculation system

 Identification of improvement potentials in pre- and postcalculation The PwC Capital Cockpit will also facilitate simulating the consequences of individual decisions and scenarios instantly and visualise their impact comprehensively for decision makers. This will considerably speed up your decision making process ensuring that capital consequences are adequately reflected.

#### Why not unlocking hidden values in your bank?

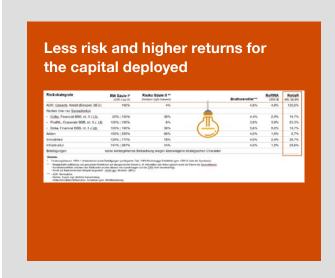
#### Benefit from PwC's experience and knowledge

# Added value for managing your regulatory capital

- Creating transparency on assets with particularly unfavourable return/RWA ratios
- Reduction of RWA through targeted measures:
  - Disposals of certain positions with high capital consumption and/or low returns
  - Reducing leverage
  - Process optimisation (e.g., avoidance of erroneous or severely delayed collateral recognition)
- Effective use of the freed-up RWA
  - Acquisition of positions with lower risk weights
  - Generation of additional P&L income

# Added value for managing your economic capital

- 1 Transparency about risk drivers including the possibility to control the risks
- Reduction of economic capital utilisation through targeted measures
  - Use of capital efficient risk quantification methods
  - Review materiality classification
- Increasing cost transparency and improving margins
  - (appropriate) consideration of
    - Interest rate turnaround/increased interest rate volatilities
    - Refinancing costs
  - Targeting growth where it is appropriately remunerated

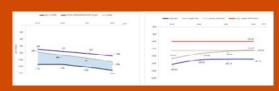








### Instant forecasting of your capital requirements and scenarios



## Your PwC contacts in the Netherlands

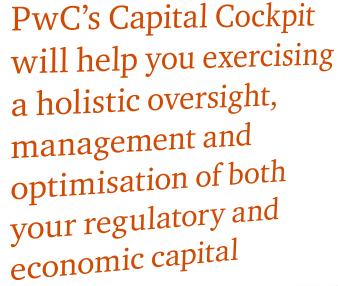


Alexander Kottmann

Director
T: +31 6 4158 2853
E: alexander.k.kottmann@pwc.com



Niels Vink
Director
T: +31 6 1324 1733
E: niels.v@pwc.com





Fayaaz Adalat

Director
T: +31 6 2380 2681
E: fayaaz.adalat@pwc.com

www.pwc.nl

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