



Designing Efficient Cash Structure

Budapest, 28 September 2026 / 9 – 12.30



Today's roadmap



**Introduction &
Background**
Dieter Merkle

Keynote

*„Quantifying the Value of
Cash for Societies“*

Prof. Dr. Franz Seitz



Impulse

**„Bringing back
Purchasing Power
to Coins &
Banknotes “**

Christoph Frenz



Impulse



**Decentralised Cash Data
Acquisition - The key to
more sustainable cash
management models**

Mark Stevenson

Coffee break



Working Groups

Panel Discussion
Frane Maroevic



Conclusion & Outlook
Dieter Merkle





Dieter Merkle brings over five decades of leadership experience in the global minting industry, most recently as Director of Global Minting at ANDRITZ Schuler Pressen.

He is a long-standing contributor to international minting initiatives and has worked closely with central banks and mints worldwide.

A highly respected industry expert, he served on the board of the International Currency Association until June 2026 and continues to support central banks and the international cash community through his extensive experience and insight.

KEYNOTE – QUANTIFYING THE VALUE OF CASH FOR SOCIETIES



The Research Perspective

Prof. Dr. Franz Seitz

Weiden Technical University of Applied Sciences

Professor Franz Seitz teaches Economics with a special focus on Monetary Policy and Financial Markets at Weiden Technical University of Applied Sciences in Germany. He is author of numerous articles in national and international journals. His main fields of research are monetary theory and policy, financial markets as well as payments markets, especially cash in circulation. For many years, Professor Seitz has been acting as a consultant in different projects for central banks, commercial banks and financial as well as non-financial corporations.

KEYNOTE - QUANTIFYING THE VALUE OF CASH FOR SOCIETIES



The Research Perspective

Prof. Dr. Franz Seitz

Weiden Technical University of Applied Sciences

Abstract: The presentation presents a composite index capturing cash's value to society across five key dimensions: national security and resilience; freedom and privacy; inclusion and access; cost control and financial discipline; competition and independence within payment systems. A representative consumer survey in Germany as a pilot study quantifies and exemplifies the perceived value of cash across the five dimensions. These findings are enriched through in-depth interviews with key stakeholders, literature analysis and macro data. The whole project establishes a transparent and replicable methodology designed for global application.

IMPULSE – BRINGING BACK PURCHASING POWER TO COINS & BANKNOTES



Christoph Frenz

COINstitute gmbh

Christoph joined the minting family in 2006. 2010 he founded COINstitute to develop security features and new coin series. Today, he and COINstitute cover security printing and minting. He supports Central Banks worldwide to increase attractivity, security and efficiency of payment systems and products.

Besides technology Christoph loves traveling and is a cultural bridge builder.

IMPULSE – BRINGING BACK PURCHASING POWER TO COINS & BANKNOTES



Christoph Frenz

COINstitute gmbh

Abstract: The attractiveness of coins & banknotes derives - among others - from their design, their relief and their value, respectively their purchasing power.

On one side, value and cash structure is essential for efficiency at the point of sale, for keeping Cash-In-Transit costs low and for supporting the growth of an economy.

On the other side, inflation is devouring the purchasing power of coins and banknotes. To keep the benefits of cash high in society, Central Banks do well to adjust the cash structure from time to time.

To keep cash flowing, to keep economies growing!

DECENTRALISED CASH DATA ACQUISITION

- THE KEY TO MORE SUSTAINABLE CASH MANAGEMENT MODELSTITLE



Mark Stevenson
Head of Marketing
Koenig & Bauer Banknote Solutions

Abstract: Cash is increasingly recognised not just as a payment tool, but as a critical enabler of resilient, inclusive and sustainable societies. It provides choice, certainty and access - serving as a lifeline for billions of people and supporting the global informal economy.

As the role of cash evolves, so must the way it is managed. Traditional, centralised cash models are being challenged by new approaches driven by digital connectivity, decentralised data and emerging actors such as retail cash services and mobile money agents. These innovations offer opportunities to improve access while reducing cost and environmental impact.

This impulse speech presents data-driven insights into how national cash ecosystems can be redesigned for the future - helping Central Banks enhance efficiency, sustainability and financial inclusion while reinforcing the vital role of cash in society.





PANEL DISCUSSION



Frane Maroevic Director General International Currency Association

Frane Maroević is the General Director of the International Currency Association (ICA), bringing over 30 years of expertise in international leadership, strategic communications, and advocacy. Throughout his distinguished career, he has held prominent roles in intergovernmental organizations such as the European Union and the Organization for Security and Co-operation in Europe (OSCE). His work has focused on advancing human rights, supporting independent media, and fostering collaboration across global projects.

As a leader in the currency industry during a transformative period, Maroević is committed to advocating for cash as a cornerstone of financial stability, security, and inclusivity in an increasingly digital world. Under his leadership, the ICA champions the importance of cash as a secure, accessible, and inclusive payment option that protects privacy and offers a safety net for those excluded from digital systems.

Q & A

Outlook

FORMING THE FUTURE
CUSTOMER TASK FORCE

SCHULER
Member of the ANDRITZ GROUP

“ **INNOVATION**
IS DEFINED AS THE
INTRODUCTION OF A NEW
TECHNICAL, COMMERCIAL
OR PROCESS IDEA INTO THE
MARKET. INNOVATION SHALL
POSITIVELY INFLUENCE AT
LEAST ONE OF THE OTHER
KEY ISSUES AND CO-
EXISTENCE OF DIVERSE
PAYMENT SYSTEMS.

“ **ATTRACTIVENESS**
IS DEFINED AS THE VISUAL
APPEARANCE OF A COIN,
INCLUDING PACKAGING,
AS A COMBINATION OF THE
SUBJECT, THE DESIGN,
THE MATERIAL AND HAPTIC
ASPECTS.

“ **PUBLIC PERCEPTION**
IS DEFINED AS THE
OVERALL ACCEPTANCE
RATE BY THE PUBLIC TO
USE OR OWN A COIN.
ESPECIALLY FOR
CIRCULATION COINS,
PUBLIC PERCEPTION HAS
TO BE TAKEN INTO
CONSIDERATION WITH
RESPECT TO OTHER
MEANS OF PAYMENT.

“ **SECURITY**
IS DEFINED AS THE COIN
COVER

“ **TRUST**
IS DEFINED AS THE
CONFIDENCE IN THE
GENUINENESS OF A COIN
AVAILABLE

“ **OBLIGATION**
IS DEFINED AS THE
OBLIGATION OF THE COIN ISSUER
TO GUARANTEE FOR THE
NOMINAL VALUE

Conclusion & Outlook