



NXW CCPR

CLOUD COMPUTING PLATFORM FOR RESEARCH

One single access
for everything you need to do research

Data, tools, cloud computing and a community — for students, lecturers,
researchers and corporates, from beginner to expert.

6–12 mo

research cycle, instead of 2–3 years

22,000

indexes in the CCPX ecosystem

50–100 y

of data history, worldwide

01

WHAT IS CCPR

PROMISE

“One single access for everything you need to do research.”

USERS

Beginners — no coding
Intermediate users
Experts — coding specialists
Students, lecturers,
researchers, corporates

BENCHMARKS

Compared with CRSP (crsp.org)
and EUROFIDAI (eurofidai.org)

CLOUD COMPUTING PLATFORM FOR RESEARCH

Doing research should take months, not years.

C CPR brings together long-history, multi-discipline data, powerful tools and cloud computing in a single platform. Researchers no longer need to collect data from many sources or own a powerful computer: datasets, open-source libraries and computing power are ready to use online.

Data

Long history, large coverage, multi-discipline: Vietnam and international; financial, economic, social, climate and governance data.

Single access

One platform for publications, data, computing and tutoring: save time and money.

Powerful tools

Open-source libraries ready to use, models and tests — with cloud computing, so no powerful local computer is needed.

Cooperation

Universities, financial organisations and human-resources placement.

OBJECTIVES

- 01** Increase the international ranking of Vietnamese universities and their international cooperation.
- 02** Reduce the time to publish a research paper from 2–3 years to 6 months – 1 year.
- 03** Remove the obstacles to doing research and increase research capacity.

Nine capabilities, from the first idea to the published paper.

01 Publication screening

Search, tag and bookmark the literature.

02 Research datasets

Curated, documented, version-controlled data.

03 Models & tests

Ready-to-use econometric and statistical models.

04 Cloud computing

Notebooks and compute jobs online (R, Python).

05 Tutoring

Guidance for Master's and PhD research (option).

06 Live execution

Run and replicate referenced papers.

07 Two access modes

Beginner (no coding) and expert (coding).

08 Data marketplace

Datasets, models and talent.

09 Researcher community

Share workflows and collaborate.

THE CCPX ECOSYSTEM

CCPR is the research engine of CCPX.

The first online research platform of its kind: big data, cloud computing, community, sharing and a marketplace — with tools for beginners and experts, automation, dashboards and academic and professional cooperation, in Vietnam and abroad.

CCPR

RESEARCH

Big data, finance engineering, publications and reporting for Master's, PhD, researchers and corporates.

CCPI

INVESTMENT

Index design, back-testing and the index management system — 22,000 indexes.

CCPS

STRATEGIES

Short-term strategies, signals, alerts and execution through API.

CCPE

EDUCATION

Courses, certificates and the Financial, Technology and Data (FTD) Institute.

03

CCPR VERSUS CRSP

More coverage,
at a fraction of the cost.

FUNCTIONALITIES

FUNCTIONALITY	CRSP	CCPR
Coverage	US	World
Instruments	Stocks, indexes	Stocks, indexes, commodities, currencies, social and environmental data
History	100 years	50–100 years
Data download	Yes	Yes
API / web services	No	Yes
Online calculation	SAS, R, Python programming	R, Python (expert mode)
Beginner access (no coding)	No	Yes
Cloud computing	No	Yes
Marketplace	No	Yes
PhD tutoring	No	Yes (option)

BASIC SUBSCRIPTION PRICING

SUBSCRIBER	CRSP	CCPR
Individual	—	Yes
University / research centre	\$100,000 / year	\$20,000 / year
Corporate / financial firm	\$200,000 – 500,000 / year	\$50,000 – 100,000 / year
Large firm / group	\$1 – 2 million / year	\$200,000 – 400,000 / year

–50%

Pre-sales offer: 50% discount for the first subscribers of CCPR.

Indicative prices. CRSP prices are estimates used for comparison.

Three revenue streams, four growth channels.

i. Hybrid revenue Recurring annual subscription per institution, department or lab; usage revenue from compute credits (CPU/GPU, storage, network), high-performance jobs and premium data/API use.	ii. Services revenue Onboarding, migration, training and certification, research-workflow design and premium support.	iii. Ecosystem revenue Commissions on the data marketplace and the template/model marketplace; partner hosting bundles.
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CHANNEL STRATEGY

How CCPR reaches researchers.

Institutions are reached directly and through pilots that prove the value in numbers; individual researchers through the community and partners.

MARKET DIRECTION

\$80 bn

worldwide sovereign cloud IaaS spending expected in 2026 (+35.6% vs 2025); governments and regulated industries are major buyers.

- 01 Direct institutional sales**

Master's and PhD schools, economics and business schools, public-policy institutes, enterprise innovation labs.
- 02 Strategic pilots**

6–12 month pilots with measurable outcomes: time saved, papers replicated, active researchers, projects completed.
- 03 Community-led growth**

Free individual tier, student and researcher ambassadors, workshops, research competitions.
- 04 Partner-led growth**

Cloud vendors, data providers, universities and research-methodology networks.

05

ROADMAP

Validate, standardise, *expand*.

Year 1 • **Validate**

07/2026 – 07/2027

- + Minimum viable product (MVP)
- + 3 pilots
- + Prove one vertical use case
- + 5+ reproducibility success stories

Year 2 • **Standardise**

07/2027 – 07/2028

- + Grow to 5–10 institutions
- + Governance, admin and collaboration
- + Formal annual contracts
- + Launch the marketplace

Year 3 • **Expand**

07/2028 – 07/2029

- + Sovereign / private deployment options
- + Advanced AI / HPC capabilities
- + Ecosystem leadership in a research niche
- + Regional partnerships

FIRST YEAR

Four quarters to a proven platform.

Q3 2026

BUILD

IP protection, development team, data servers, MVP core features, first demo, internal tests.

Q4 2026

PILOT

MVP second step with 3 pilot customers — universities, research institutes, corporate R&D — who use it, give feedback and become references.

Q1 2027

PROVE

Success stories: reproduce and extend published papers; teams finish projects faster; faster corporate analysis.

Q2 2027

SELL

Pre-sales at a 50% discount, using the success stories as sales assets; first shareholders join.

START-UP BUDGET

\$50,000 – 75,000

CORE HYPOTHESIS

Researchers will adopt a unified platform that reduces research time and improves reproducibility.

Build less, learn faster, reduce risk.

The minimum viable product is small but functional: it solves one key problem, is used by real researchers and brings feedback and pilot customers early.

01 Research discovery

Paper search, tagging and bookmarking, a simple literature repository.

02 Curated data layer

5–10 high-quality, ready-to-use datasets, with metadata, documentation and version control.

03 Compute workspace

Notebook environment, pre-configured Python / R, small-to-medium compute jobs.

04 Reproducibility engine

The key differentiator: a “run this research workflow” button, preloaded data and code for selected papers, output comparison.

05 Beginner + expert model

Two ways to work: no-code for beginners, full coding for experts.

OPTIONAL SERVICES

Beyond the platform.

Market studies

Marketplace

for data and talent

Reporting

custom design and layout, automation, website and PDF integration

Index families for large groups

promotion, peer comparison and ranking (as for PetroVietnam)

International index advisory

advice for blue chips to be added to — or kept in — international indexes and funds

Web apps & data integration

Data-as-a-Service

API access to datasets, real-time feeds, curated datasets by domain

Data engineering, AI & analytics



PROJECT INITIATOR & LEADER · CCPR

Dr. Huu Minh MAI

Committed to providing reliable and advanced financial solutions for customers, investors and researchers.

PhD

Finance — Paris Dauphine / ENSAE · 2 awards, 1993

25+

years in derivative and index markets

≈ 20

research publications

PHD & AWARDS

Thesis: « Predictability of Returns on the French Stock Market: 1977–1990 ». Winner of the 1993 Société des Bourses Françaises Award for the best French thesis in finance and of the 1993 Jean-Bertrand Nogaro Award of the Academy of Paris.

PROFILE

A well-known expert combining academic excellence with market practice, with a background in finance, mathematics, statistics and data. Master's degrees in Mathematics, Quantitative Economics and AI, and a PhD in Finance from Université Paris Dauphine / ENSAE (France).

INDEXES & DERIVATIVES

More than 25 years of experience in derivative and index markets: he has developed and managed many indexes and products, including derivative instruments and ETFs.

RESEARCH

Author of about 20 research publications in French and international journals and of the book *Options, Futures and Exotic Derivatives — Theory, Application and Practice* (Wiley).

LEADERSHIP AT IFRC

Under his leadership, IFRC launched successful projects such as the Index Group, the Vietnam Derivatives Market Initiative and the Vietnam Economic and Financial Research Centre.

AT NXW HOLDINGS

As co-founder and head of research & development, he creates innovative, intelligent and efficient financial solutions on big-data platforms; NXW's core capabilities include financial consulting, investment strategy and data analysis.

CURRENT POSITIONS

Co-Founder, Head of R&D / Indexes · NXW Holdings · 2023

Executive Director · VIDE — Vietnam Institute of Digital Economy Development · 2026

Deputy Director · IREEDS — Institute of Research in Economics, Environment and Data Science

Member · VNCONNECT

CEO & Founder · IFRC — Intelligent Financial Research & Consulting · 2010

General Director · CRQFT — Center of Research on Quantum Finance and Technologies · 2026

Editorial Board Member · Bloomberg Businessweek Vietnam

CONTACT US

Let's build the *next wealth* together.

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