

# RBC is One of the Largest, Strongest and Fastest-Growing Global Full-Service Investment Banks

#### **Today's Speaker**



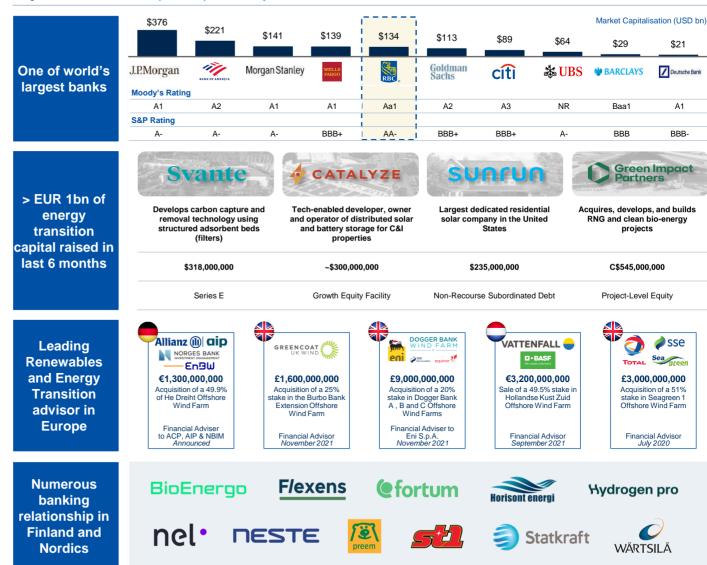
**Eduardo Famini Silva**Director, Renewables and Energy Transition London, Europe

15+ years of experience advising clients in the energy sector in strategic transactions across M&A, capital raisings and financing

Email: Eduardo.famini@rbccm.com

https://www.linkedin.com/in/eduardo-famini-silva-cfa-mba-a7645710

#### Royal Bank of Canada ("RBC") in a Snapshot



### The Challenge

At least \$5tr of investment required in CDR until 2050

The majority of capital to be destined to new technologies or vet-to-be-standardised markets

Long lead-time to develop projects increase urgency

Value chain and talent bottlenecks for key support products and services

Linking investors to the most promising projects

- Third-party equity and debt is typically a major constrain in several capital-intensive CDR projects
- Investment banks play a **critical role in introducing investors** to attractive projects across the energy transition and CDR value chain

Structuring deals to optimise risk allocation

The role of Investment Banking

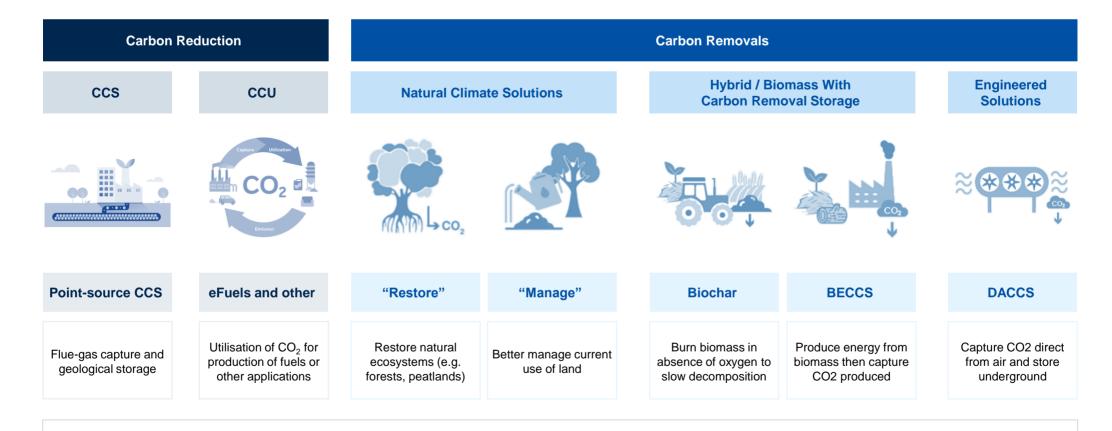
- Investment banks have the skillset to structure investment instruments that will best match the risk appetite of investors
- Having an Investment Bank advising early-on has proved critical to numerous CDR projects and developers, especially when multiple
  rounds of funding are required or when investors need education about a solution that is relatively new to market

Access to pubic markets and liquidity

- Investment Banks play a key role in providing liquidity to investors through supporting the issuance of tradable securities
- As the carbon markets mature, banks will be critical to ensure a liquid market which will remove barriers to the flow of capital

Balance sheet deployment

- Banks are increasingly open to providing project financing debt to CDR and wider energy transition projects...
- ...however, the acceptable risk framework remain within the boundaries of standard project financing deals



- The majority of large investors will likely classify carbon reductions and removals within the same umbrella and will be agnostic on what to invest
- Key filters / barriers to investment typically include: (i) size of the project or developer, (ii) technology maturity, (iii) track record of management, (iv) contractual framework, in particular feedstock supply and product offtake and (v) regulatory and commercial framework for the specific solution
- Given the above filters, Carbon Reduction has attracted more investment appetite than Carbon Removals... except for biomass/biofuel solutions, which are established and can be ramped up more rapidly than other energy transition solutions

# Thoughts and Considerations to Key Stakeholders in CDR

### Governments

- Governments will play a key role to enable large scale investment in CDR, either by supporting developers (e.g. with grants) or backstopping the
  contractual revenues to enable private capital
- Governments and multilateral organizations can also play a key role in the creation and definition of common standards, which is currently a
  major barrier to investment

### Developers

- Timing is key: given the demand for cleaner energy and industrial solutions, first movers are likely to enjoy significant advantage
- However, raising capital requires preparation and addressing of key risks prior to approaching investors; this is because investors are currently bombarded by a high number of investment propositions and will not have time to review them all
- Sacrificing returns to make a project "bankable" can and normally does pay off!

### **Equity Investors**

- A very substantial amount of capital has been raised in funds which are solely dedicated to energy transition investments
- Investors will be sensitive to key risks and will only support the best prepared developers, where key risks are addressed

#### Lenders

- Most of large lenders are also in a path to decarbonize, and will seek to reduce net financed emissions; therefore, CDRs could be particularly attractive
- However, balance sheet constraints and enhanced risks inherent to energy transition projects mean lenders will be very selective on which project to support

## Disclaimer

RBC Capital Markets ("RBCCM") is a trading name used by certain branches, subsidiaries and business units of Royal Bank of Canada including RBC Dominion Securities Inc., RBC Capital Markets LLC, RBC Europe Limited, Royal Bank of Canada London Branch, Royal Bank of Canada, Hong Kong Branch and Royal Bank of Canada, Sydney Branch. The entities comprising RBC Capital Markets are wholly owned subsidiaries of the Royal Bank of Canada and are members of the RBC Financial Group. RBC Europe Limited is authorised in the United Kingdom by the Prudential Regulation Authority ("PRA") and regulated by the Financial Conduct Authority ("FCA") and the PRA. This presentation is confidential and nothing contained in this document may be reproduced or copied by any means without the prior consent of RBCCM.

The information contained in this presentation may have been obtained in part from sources other than RBCCM and has been compiled by it from sources believed to be reliable, but no representation or warranty, express or implied, is made by Royal Bank of Canada, its affiliates or any other person as to its accuracy, completeness or correctness of any such information.

This presentation has been prepared by RBCCM for discussion and/or information purposes only and is being provided to you based on our reasonable belief that you are a sophisticated institutional investor that is capable of assessing the merits and risks of the transactions and financial matters discussed herein. Consequently this document is expressly not directed at or for distribution to retail customers as defined by the FCA. Nothing in this document constitutes legal, accounting or tax advice or individually tailored investment advice. This material is prepared for general circulation to clients and has been prepared without regard to the individual financial circumstances and objectives of persons who receive it. This document does not constitute an offer to sell or the solicitation of an offer to buy any security or other instruments or a recommendation to enter into any transaction by any RBC entity and should not be construed as such in any jurisdiction where such an offer or solicitation would be illegal.

The information contained herein is, in the case of any security, subject to the terms and conditions set forth in the related offering document or prospectus; any information contained herein is qualified in its entirety by reference to the final form of any relevant offering document or prospectus, as amended or supplemented. An offering may be made only by means of a final offering circular or prospectus, which will contain a complete description of the terms of the security, the offering and the issuer of the security, including a descriptions of certain risks associated with the security.

The transactions and financial matters may not be suitable for every investor and any offering may be restricted to those investors that meet certain criteria imposed by applicable law or regulation. Transactions of the type described herein may involve a high degree of risk and the value of such investments may be highly volatile. Such risks may include without limitation risk of adverse or unanticipated market developments, risk of issuers default and risk of liquidity. In certain transactions counterparties may lose their entire investment or incur an unlimited loss. This brief statement does not purport to identify or suggest all the risks (directly or indirectly) and other significant aspects in connection with transactions of the type described herein, and counterparties should ensure that they fully understand the terms of the transaction, including the relevant risk factors and any legal, tax, regulatory or accounting considerations applicable to them, prior to transacting.

RBCCM strongly urges each recipient to consult with its accounting, legal and tax advisors before entering into any transaction. This document should not form the basis of any investment decision and the contents do not constitute advice relating to legal, taxation, regulatory, investment or any other matters on which Recipients must always consult their own professional advisers on the merits and risks involved. Unless otherwise set forth in written agreement setting out specific duties and obligations, RBCCM and its constituents (including their affiliates) will at all times act as arms-length commercial counterparty to any recipient of this document. RBCCM expressly disclaims any advisory, fiduciary or similar relationship with any recipient.

Nothing contained herein constitutes or should be interpreted as representation or expectation as to future results or events. Recipients should understand the assumptions and evaluate whether they are appropriate for their purposes or consistent with their views. Recipients should consider whether the economic benefits from the ownership of securities should be tested based on assumptions different from those included herein.

All opinions and estimates contained are subject to change without notice and are provided in good faith but without legal responsibility. To the fullest extent permitted by law neither RBCCM nor any of its affiliates or any other person accepts any liability whatsoever for any direct or consequential loss arising from any use of the information contained herein.