

NextDecade Corporation

August 2022

Accelerating the Path to a Net-Zero Future

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Disclaimer and Forward-Looking Statements



This Presentation contains certain statements that are, or may be deemed to be, "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. All statements other than statements of historical fact contained in this presentation, including statements regarding the future results of operations and financial position of NextDecade Corporation and its subsidiaries (collectively, the "Company"), its strategy and plans, its expectations for future operations and transactions, environmental regulatory and legislative matters and future demand and supply affecting liquefied natural gas ("LNG") and general energy markets, are forward-looking statements. The words "anticipate," "assume," "budget," "contemplate," "estimate," "expect," "forecast," "project," "potential," "initial," "initial," "intend," "believe," "may," "might," "would," "could," "should," "can have," "likely," "continue," "design" and other words and terms of similar expressions, are intended to identify forward-looking statements.

The Company has based these forward-looking statements largely on its current expectations and projections about future events and trends that it believes may affect its financial condition, results of operations, strategy, short-term and long-term business operations, and objectives and financial needs. Although the Company believes that the expectations reflected in its forward-looking statements are reasonable, actual results could differ from those expressed in its forward-looking statements. The Company's future financial position and results of operations as well as any forward-looking statements are subject to change and inherent risks and uncertainties. You should consider the Company's forward-looking statements in light of a number of factors that may cause actual results to vary from its forward-looking statements regarding general business activities or its LNG and carbon capture and storage ("CCS") business lines including, but not limited to: progress and timing in the development of and final investment decision ("FID") in the construction and operation of a LNG terminal at the Port of Brownsville in southern Texas (the "Terminal"); the successful completion of the Terminal by third-party contractors and a pipeline to supply gas to the Terminal being developed by a third-party (the "Pipeline"); the Company's ability to develop its CCS business line through deployment and operation of CCS processes that capture and store carbon dioxide ("CO₂") emissions at third-party facilities and at the Terminal (the "CCS project"); the accuracy of estimated costs for the Terminal, the CCS project, and implementation of the CCS processes at third-party facilities; operational characteristics of the Terminal, the CCS project, and the CCS processes, when completed or implemented, including amounts of liquefaction capacities or amount of CO₂ captured and stored; the development risks, operational hazards, and regulatory approvals applicable to the Company's LNG and CCS development, construction, and operations activities; the global demand for and price of LNG; the availability of LNG vessels worldwide: changes in legislation and regulations relating to the LNG and CCS industries, including environmental laws and regulations that impose significant compliance costs and liabilities; scope of implementation of carbon pricing regimes aimed at reducing greenhouse gas emissions that reasonably price emission costs; global development and maturation of emissions reduction credit/offset markets; adverse changes to existing and planned CCS tax incentive regimes; global pandemics, including the 2019 novel coronavirus pandemic, and their impact on the Company's business and operating results, including any disruptions in the Company's operations or development activities and the health and safety of the Company's employees, and on the Company's customers, the global economy, the demand for LNG, and number and scale of implemented CCS projects; risks related to doing business in and having counterparties in foreign countries; technological innovation which may lessen the Company's anticipated competitive advantages; the Company's ability to secure additional corporate and/or project debt and equity financing in the future at levels required to execute its business plans; the Company's ability to maintain the listing of its securities on a securities exchange or guotation medium; changes adversely affecting the business in which the Company is engaged; management of growth; general economic conditions; the Company's ability to generate cash; compliance with environmental laws and regulations; and the result of future financing efforts and applications for customary tax incentives. We may not be able to complete the anticipated transactions described in this presentation. FID is subject to the completion of financing and commercial arrangements that may not be completed within the time frame expected or at all.

Additional factors that you should consider are set forth in detail in the "Risk Factors" section of the Company's most recent Annual Report on Form 10-K as well as other filings the Company has made and will make with the Securities and Exchange Commission which, after their filing, can be found on the Company's website, www.next-decade.com.

Financial forecasts, estimates, or other forward-looking financial information included in this presentation is meant for illustrative purposes only and does not purport to show estimates of actual future financial performance over any particular period. The information on such slides assumes the completion of certain commercial, financing, and other transactions. Such transactions may not be completed on the terms we assume or at all. Actual commodity prices and the terms of commercial and financing arrangements may vary materially from those assumed for the purposes of the illustrative financial performance information.

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NextDecade is a Differentiated De-Carbonization Investment Opportunity

ANTING TRO

A More Sustainable LNG and End to End Carbon Solutions





A 27 million metric tonne LNG export project in Brownsville, Texas

The Rio Grande LNG project is expected to offer one of the most competitively priced, lower carbon intensive LNG products in the global market. Rio Grande LNG will be the largest privately funded infrastructure project in the State of Texas and NextDecade is proud to be in the Rio Grande Valley for the long term.

A More Sustainable LNG

By combining emissions reduction associated with our carbon capture and storage project, responsibly sourced gas, and our pledge to use net-zero electricity, we expect Rio Grande LNG to produce a lower carbon intensive LNG and provide a more sustainable LNG project to our customers around the world.

Provides end-to-end carbon capture and storage solutions

NEXT Carbon Solutions is working with third-party customers around the world to deploy carbon capture and storage to reduce CO_2 emissions at their industrial facilities. We believe NEXT Carbon Solutions will make transformative, impactful, and measurable contributions toward achieving the world's goal for a net-zero future.

Net-Zero Future

At NextDecade, we believe that reducing CO_2 emissions from industrial facilities around the world is critical to realizing the Paris Agreement's goal of limiting global warming compared to pre-industrial levels. We believe carbon capture and storage must be deployed extensively to achieve this goal.

Our Vision, Mission, Values, and ESG Commitment







Rio Grande LNG

Rio Grande LNG will deliver competitively priced, more sustainable LNG

Rio Grande LNG Export Project



Location	Capacity	Storage	Marine Facilities	RGLNG CCS	Technology	EPC	Pipeline
984-acre site leased from the Port of Brownsville, Texas	27 million metric tonnes per annum (mtpa) Major approvals for 5 Trains	4 x 180,000m ³ full containment LNG tanks	Deepwater port access Supporting marine infrastructure	Carbon Capture and Storage* >90% CO ₂ reduction	Proven technology PRODUCTS 2 Baker S Hughes ABB	LSTK EPC Contracts	Superior pipeline reliability Rio Bravo & Valley Crossing



Rio Grande LNG Milestones





Competitively Priced, More Sustainable LNG



De-Risked and Shovel Ready

Rio Grande LNG Expected EPC Cost¹



Lump-sum turnkey (LSTK) EPC agreements enhance certainty of project execution for first 3 Trains All 5 Trains using proven and dependable Air Products C3MR[™] technology and Baker Hughes rotating equipment



3 Train workplan includes full site preparation, which is expected to reduce cost per tonne of the remaining trains Rio Grande LNG is expected to be one of the lowest cost greenfield LNG projects built on the U.S. Gulf Coast

Full 5 Train EPC Costs estimated to be ~ \$600/tonne³

¹ Final EPC contract pricing to be determined prior to FID. |² EPC cost includes current expected cost for 3 Trains, two 180,000 cubic meter storage tanks and two marine berths. |³ Assuming nameplate capacity and current estimated total EPC cost for 5 Trains.

Commercial Momentum with Focus on Henry Hub Indexation







- LNG demand surge driven by Asia and Europe
- Renewed industry focus on Henry Hub indexation
 - Historical long-term, steady and predictable index pricing
 - Expected low volatility moving forward
- Buyers currently focused on 15- and 20-year terms
- RGLNG volumes contracted have increased by almost 7 mtpa since the beginning of Q2 2022
- Approximately 9 mtpa, or 60% of 3 Train volumes contracted
- RGLNG now on target to deliver FID on 3 Trains by the end of 2022

The LNG Market Might Need Ten RGLNG Projects





- Before Russia invaded Ukraine, we believe the LNG market was short supply by approximately 25 mtpa in 2022 (yellow dot versus black line)
- Europe plans to replace up to 75% of Russian supplied natural gas which could increase LNG demand by more than 100 mtpa by 2025
- Post Russia's invasion of Ukraine, we project LNG demand will require a minimum of 200 mtpa of incremental LNG supply to make a positive FID and be constructed
- We do not believe there are enough viable LNG projects in the US or around the world to satisfy the incremental 200+ mtpa supply required

South Texas Location Advantages



The State of Texas offers the deepest inventory of economic natural gas resource in the world

- 700 Tcf of natural gas resource in the Permian Basin and Eagle Ford Shale combined¹
- The Permian Basin and Eagle Ford Shale will produce significant quantities of low-cost natural gas for decades
- Enbridge sponsored Rio Bravo Pipeline connects Rio Grande LNG to the significant, low-cost gas supplies in the Permian and Eagle Ford basins

Louisiana LNG Geographic Concentration Risk		
Supply Concentration - mtpa ²	2030	
Total Upper Tx. / La. LNG Supply Capacity	85	
Global LNG Supply Capacity (Forecasted)	504	
Tx. / La. Border Supply Capacity as % of Global Supply	17%	

Weather Risk - Hurricanes Since 1990		
No. of Category 3 to 5 storms landing in Louisiana	10	
No. of Category 3 to 5 storms landing near Brownsville	1	

Southern Louisiana LNG Risks

Gas Supply Access Risk

- LNG corridor plus other regional gas demand (Ammonia, Chemicals etc.)
- Pipeline transport constraints limit mitigation of supply imbalance

Geographic Concentration Risk

- Susceptible to single event catastrophic risk
- With upper TX Gulf Coast supply included, forecasted to be ~ 17% of Global LNG capacity by 2030

Weather Risk

- 2020 was most active hurricane season in Louisiana history
- Two category 4 hurricanes landed in LNG corridor over last two years



Marcellus

530 Tcf

Rio Grande LNG Carbon Capture and Storage Project



• Expected to capture and store more than five million metric tonnes of CO₂ per year

- Greater than 90% reduction in CO₂ emissions from original FERC filing
- Costs under review due to recent inflationary pressure on equipment and commodity pricing
- Inflation Reduction Act increases 45Q tax incentive to \$85 per metric tonne
 - Will help offset some of the expected cost increase
- Limited amendment filed at FERC in November 2021
- Geologic storage sites being assessed

Rio Grande LNG CO₂ Emissions Reduction¹



¹ The original FERC filing for Rio Grande LNG (May 2016) was for a 6 Trains capable of producing 27 mtpa of LNG for export. In July 2020, NextDecade announced a series of optimizations that will result in an LNG project capable of producing 27 mtpa with 5 Trains. Emissions profiles are presented on the basis of 5 Trains and are presented for comparison with the originally filed 6 Train project. Subject to applicable federal and state regulations.

With CCS, RGLNG Expects to Produce a More Sustainable LNG





- Project Canary is focused on delivering independent, trusted, continuous emissions monitoring data and related technologies to assess environmental performance across the energy value chain
- NextDecade and Project Canary are developing a framework to independently certify the GHG intensity of the associated gas supply chain and LNG sold from Rio Grande LNG



• Our pledge to use net-zero electricity

Our Commitments to the Rio Grande Valley Community





Targeting production of low carbon intensive LNG products at Rio Grande LNG through carbon capture and storage (CCS)



Invest significantly in the Rio Grande Valley's future and be part of the community for the long term



Educate current and future generations



Work with leading producers to acquire responsibly sourced gas and meet our net-zero power pledge



Reduce visual impacts of Rio Grande LNG by optimizing plant design, muting color schemes, and more



Mitigate impacts to wetlands and wildlife

Estimated RGLNG Pre-Tax Distributions to NEXT



Rio Grande LNG Export Project	Estimated Annual Range
Trains 1 – 5: Total estimated annual pre-tax distributions to NEXT (\$ billions) ¹	\$ 0.95 - \$ 1.20
Trains 1 – 3: Total estimated annual pre-tax distributions to NEXT (\$ billions) ¹	\$ 0.40 - \$ 0.55
Train 1 – 3 pre-tax distributions are based on current SPA pricing and contracts under negotiation	
Train 4 – 5 pre-tax distributions are based on achieving liquefaction fees equivalent to \$2.50 - \$2.75	

¹ Estimated annual pre-tax distributions to NEXT are presented on a basis of an annual average of the first 10 years of full commercial operations and assume long-term offtake agreement LNG sales at full commercial operations for each train. Calculated as projected cash flow from operations minus estimated project financing costs. Assumes all project capital from third parties with a range of estimated pre-tax distributions to NEXT based on certain contract prices, a range of HH, Brent, and JKM prices, and estimated financing costs. Assumes 5.4 mtpa contracted production for each train at Rio Grande LNG.

The estimated values set forth herein assume that the Company will achieve its financial projections in all material respects. Such financial projections reflect the Company's best currently available estimates and reflect its good faith judgments. Events and conditions subsequent to this date as well as other factors could have a substantial effect upon the estimated values. The Company gives no assurance that the estimated values will prove to be correct and does not undertake any duty to update them. Please refer to the slide titled "Disclaimer and Forward-Looking Statements" for further information.

Providing end-to-end carbon capture and storage solutions for industrial facilities



NEXT CARBON SOLUTIONS

Energy-Related Emissions Steadily on the Rise, Peak Not Clearly in Sight



Energy-related emissions have rebounded sharply after a pandemic-induced decrease in 2020, with the IEA anticipating record emissions in 2023 and further increases in the ensuing years



NEXT Carbon Solutions Strategy





Lower Global CO₂ Emissions

We are committed to lowering global CO₂ emissions and creating sustainable solutions utilizing carbon capture and storage



Reduce Cost of Utilizing CCS

Our proprietary processes enable cost-effective deployment of CCS in industrial facilities around the world



Accelerate Path to Net-Zero Future

Implementation of CCS is a critical component of achieving global climate goals and accelerating the path to a net-zero future

Provide end-to-end solutions for reducing CO₂ at industrial facilities

Utilize our engineering and project management expertise to lower the capital and operating costs of carbon capture and sequestration at industrial facilities

Partner with industrial facilities to invest in the deployment of carbon capture and sequestration at the source Increase the value of the industrial facilities by integrating the carbon capture and sequestration project into the industrial facilities' operations

Share in the value created via commercial agreements and by investment

Deploying CCS technology is critical to reducing greenhouse gas emissions

How NCS Creates Value in Carbon Capture and Storage





- **Typical project:** partner with source facilities to capture 1 2 million tonnes of CO₂/year, which is the equivalent of removing 217,000 435,000 cars from the road each year¹
- **Location:** proximity to geologic storage or existing CO₂ pipeline





- CCS deployment and operation:
 - Deploy NEXT Carbon Solutions' proprietary carbon capture processes
 - Capture CO₂ emissions for lowest possible cost
 - Transport to sequestration site
- Permanently store CO₂ in geologic formations

Share in Enhanced CO₂ Source Facilities' Value







Government incentives (e.g., 45Q in U.S.)



Quality, lowcost carbon credits

- Government incentive payments
- Buildout and marketing of a portfolio of lowcost, independently verified carbon credits
- Additional sources of revenue:
 - Blue product marketing
- Lower dispatch costs
- ESG premiums

Full End-to-End CCS Solutions

Flexible Commercial Structures Enable NCS / Customer Alignment





U.S. Market Catalyst: Section 45Q



The 45Q, a U.S. tax credit generated by CCS projects for every metric ton (MT) of CO₂ sequestered extending 12 years from 1st injection, is the most progressive CCS support mechanism globally

PREVIOUS POLICY			INFLATION REDUCTION ACT OF 2022		
\$	\$50/MT : Pure Sequestration	70% Increase	\$85/MT : Point Source, Pure Sequestration \$180/MT : DAC, Pure Sequestration		
	Tax credit : need taxable income to monetize credits, or partnership	Simpler Monetization	Limited Direct pay : cash payment, able to self-realize value for a five year term		
()	Limited to no transferability of tax credits – requires structuring expertise	Transferability	Broader transferability intended		
	Min Capture Requirement (mtpa): 100k industrials, 500k power	Broader Qualification	Min Capture Requirement (mtpa): 12.5k industrials, 18.8k power		
Ō	Project must begin construction by January 1, 2026	Longer Runway	Project must begin construction by January 1, 2033		

California Resources Corporation's CalCapture CCS+ Project



NEXT Carbon Solutions is performing a FEED at the Elk Hills 550 MW combined cycle power plant



NCS Has Advanced Carbon Capture Designs Across Many Industries



NCS has worked with owners of multiple source facilities to develop extensive CCS application knowledge across multiple industries through pre-FEED¹ analyses



NCS is uniquely qualified to develop the best CCS solution for its customers

¹ Full front-end engineering and design (FEED) phase providing a complete FEED Package and sanction cost estimate. |² Pre–FEED (preliminary front-end engineering and design) assesses source facility data to determine feasibility of deploying CCS in technical and economic terms. Pre-FEED (equivalent to FEL-2 (Front End Loading Stage 2)) work product is a detailed report specific to CCS deployment at a source facility. |³ Complete means the FEED / Pre-FEED work is finished, and a report has been published | ⁴ Commenced means the FEED / Pre-FEED work has commenced | ⁵ In Progress refers to projects where NCS continues to assess the scope with source facilities. |⁶ Costs associated with the RGLNG FEED are under review due to inflationary pressure on equipment and commodity prices.



NextDecade has Raised Nearly \$400 Million To-Date





Industry Leading Executives and an Experienced Multi-Disciplinary Team





Mr. Matt Schatzman Chairman and Chief Executive Officer



Mr. Brent Wahl Chief Financial Officer



Ms. Vera De Brito de Gyarfas General Counsel and Corporate Secretary



Mr. James MacTaggart Chief Marketing Officer



Mr. Mike Mott Senior Vice President, Carbon Solutions



Mr. Ariel Handler Senior Vice President, Commercial Structuring



Ms. Raquel Couri Senior Vice President, Human Resources and Administration



Mr. David Keane Senior Vice President, Policy & Corporate Affairs



Mr. Eric Garcia Senior Vice President, Chief Accounting Officer

Please refer to <u>www.next-decade.com/about-us/senior-leadership/</u> for full biographies of these Executives

NextDecade is accelerating the path to a net-zero future

www.next-decade.com