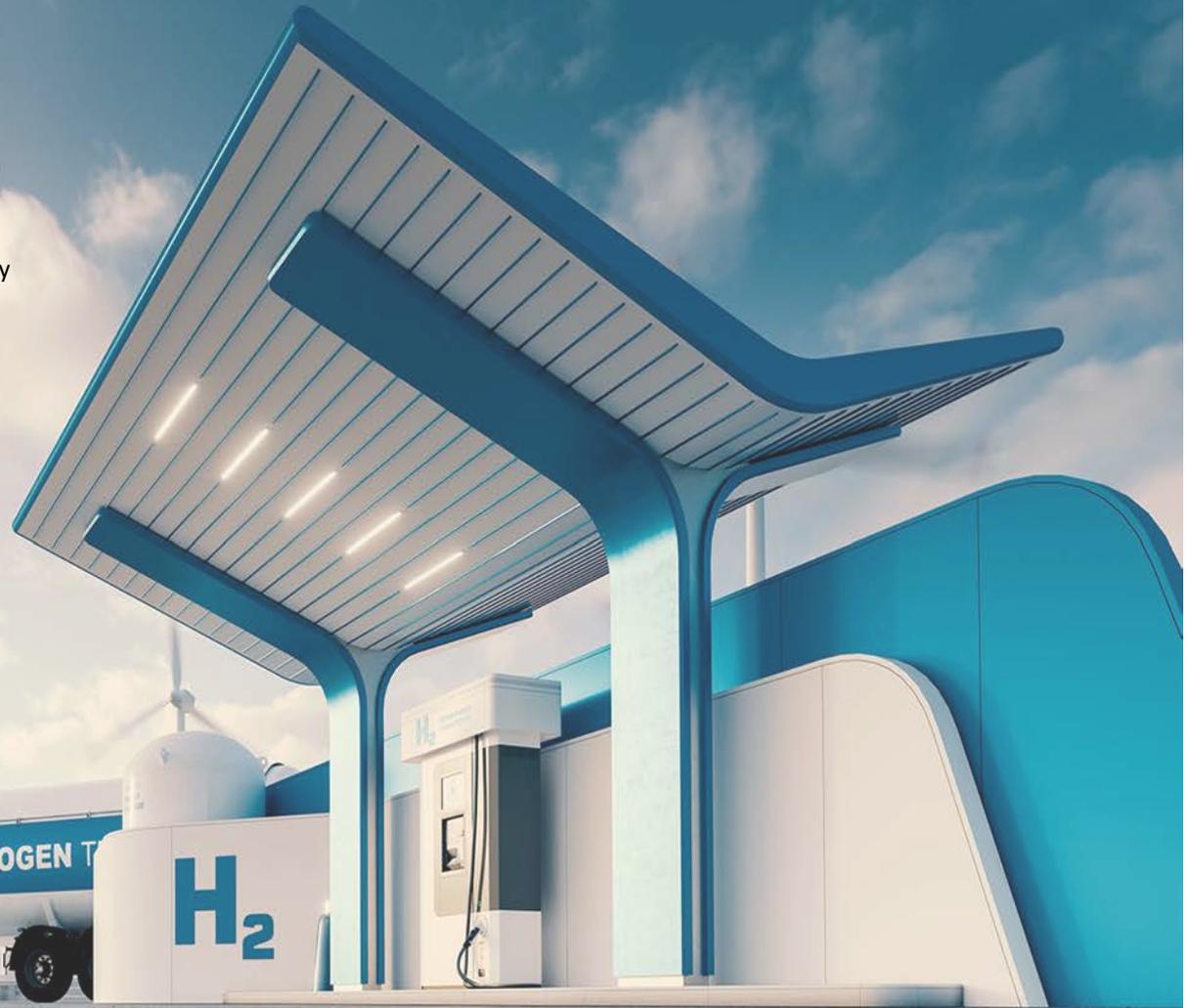




# CIPHER NEUTRON INC.

Believe in hydrogen, believe in Cipher

Our name: Cipher is an Arabic word for zero. Hydrogen is the only element with zero neutrons, hence the name Cipher Neutron.



# About Cipher Neutron



A Canadian cleantech company focused on  
**Green Hydrogen production**

North America's 1st and 2nd company in the world to commercialize  
***AEM Electrolysers***

World's 1st company to have patent pending  
***Reversible Fuel Cells***

Trusted and funded by governments

Industrial partner of many Canadian universities and public research organizations



# Hydrogen Market

## Green Hydrogen Market Size, By Region, 2018 - 2030

(US\$ Billion)



### Fertilizer Industry

Market Size: ( \$ 80 Billion)

Applications:

Ammonia Production



### Oil & Gas Industry

Market Size: ( \$ 40 Billion)

Applications:

Oil and Gas Processing



### Chemical Industry

Market Size: ( \$ 10 Billion)

Applications:

Methanol production  
Other chemicals



### Mining Industry

Market Size: ( \$ 5 Billion)

Applications:

Smelters  
Metal/Ore reduction



### Industrial Use

Market Size: ( \$ 2 Billion)

Applications:

Food Industry  
Steel Industry

3.25

### Green Hydrogen Future

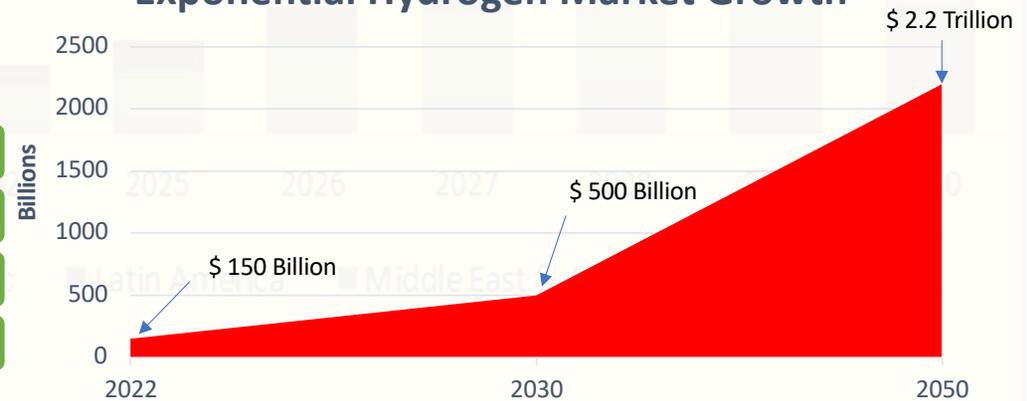
Hydrogen Market to grow more than 10 folds by 2050

More than 70% of the Hydrogen will be Green Hydrogen by 2050

AEM Technology will play a major role replacing PEM & Alkaline electrolyzers

Hydrogen will be a major source of energy replacing conventional energy resources

## Exponential Hydrogen Market Growth



# Traditional Green Hydrogen Production Methods



## 1. Alkaline Electrolysis

Alkaline electrolysis is the oldest technology to split water into H<sub>2</sub> and O<sub>2</sub> using a diaphragm. Alkaline electrolysis uses 30% KOH as an electrolyte to promote gas production. A diaphragm is used in between the cell to separate H<sub>2</sub> and O<sub>2</sub> gasses. Alkaline electrolyzers have been used for many years to produce green hydrogen but have many disadvantages including but limited to:

- Huge footprint
- Low Pressure H<sub>2</sub>
- Highly Corrosive
- In-efficient



## 2. PEM Electrolysis

PEM (Proton Exchange Membrane) electrolysis is an advanced technology to split water using an exchange membrane. PEM electrolyzers use a membrane coated with PGMs (Platinum Group Metals) to excite water molecules to split water into H<sub>2</sub> and O<sub>2</sub> gases. PEM electrolyzers are dominating the traditional Alkaline electrolyzers. However, the PEM electrolyzers use PFAS or harmful chemicals and have many other issues including:

- Highly expensive
- Environment Issues
- Supply chain issues

# PEM Electrolyser (The Supply Chain & Emissions Issues)

There is not enough Iridium to make enough PEM electrolyzers to supply the Global demand of Green Hydrogen

South Africa holds more than 90% reserves of Iridium

South Africa is responsible for 83% of global iridium supply and 70% of platinum supply at present.

>100 tonnes of CO<sub>2</sub>\_e to mine PGMs required for 1 Megawatt PEM electrolyser

>1 million liters of water is used to process PGMs required for 1 Megawatt PEM electrolyser

High waste rock and tailings generated (98% ore becomes tailings)

## Iridium Gap (2030 scenario)

Required

Available



28 tons



12 tons



# PEM Electrolyser (The Environmental Issues)



## PEM Electrolysers use PFAS membranes

- PFAS are also called forever or harmful chemicals
- PFAS are known to
  - ❖ affect growth of infants and older children.
  - ❖ lower a women's chance to become pregnant
  - ❖ increase the risk of cancer.
- More than 45% of US tap water is contaminated with PFAS



**European Union is considering to ban certain PFAS**

**More than 45% tap water in the United States has been contaminated with PFAS**



# Introducing Ciper Neutron's **AEM Electrolyser**

A Highly Efficient Way  
To Produce Green  
Hydrogen (Lower  
OPEX)

Longer Lifetime  
(Low Maintenance &  
Less Service)



20 Years of R&D  
(Trusted And  
Tested)

Precious Group  
Metals Free  
(Lower CAPEX)

PFAS Free  
(Sustainable)

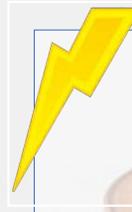


# Cipher Neutron's AEM Benefits



## Highly Efficient

81.73% efficiency vs industry standard of 77% (HHV@ 1.8V)



## High Ampacity

High current density (1.1 amps/cm<sup>2</sup>) enables more H<sub>2</sub> production per unit area (@1.9 V)



## High Pressure

Eliminates the need for expensive secondary compressors up to 30 bars.



## Compact Design

Enables light weight and smaller footprint electrolyzers



## No Precious Metals

AEM Electrolysers do not use any precious metals as used in other technologies



## Price Reduction

Less than \$700 (USD) per kW (@250 kW stack)

1. High Efficiency enables more hydrogen production using the same amount of energy/power. This results in lower operating costs to produce H<sub>2</sub>.
2. High Ampacity enables more hydrogen gas from a given area.
3. High Pressure enables easy storage of hydrogen and also eliminates the need to buy expensive hydrogen compressors to compress hydrogen.
4. Compact design enables less material required for the manufacturing of the electrolyser. This leads to lower Capex.
5. No precious metals enables electrolyzers more sustainable and affordable.
6. Price reduction in AEM is significant due to its compact design and the elimination of expensive rare earth and precious metals.

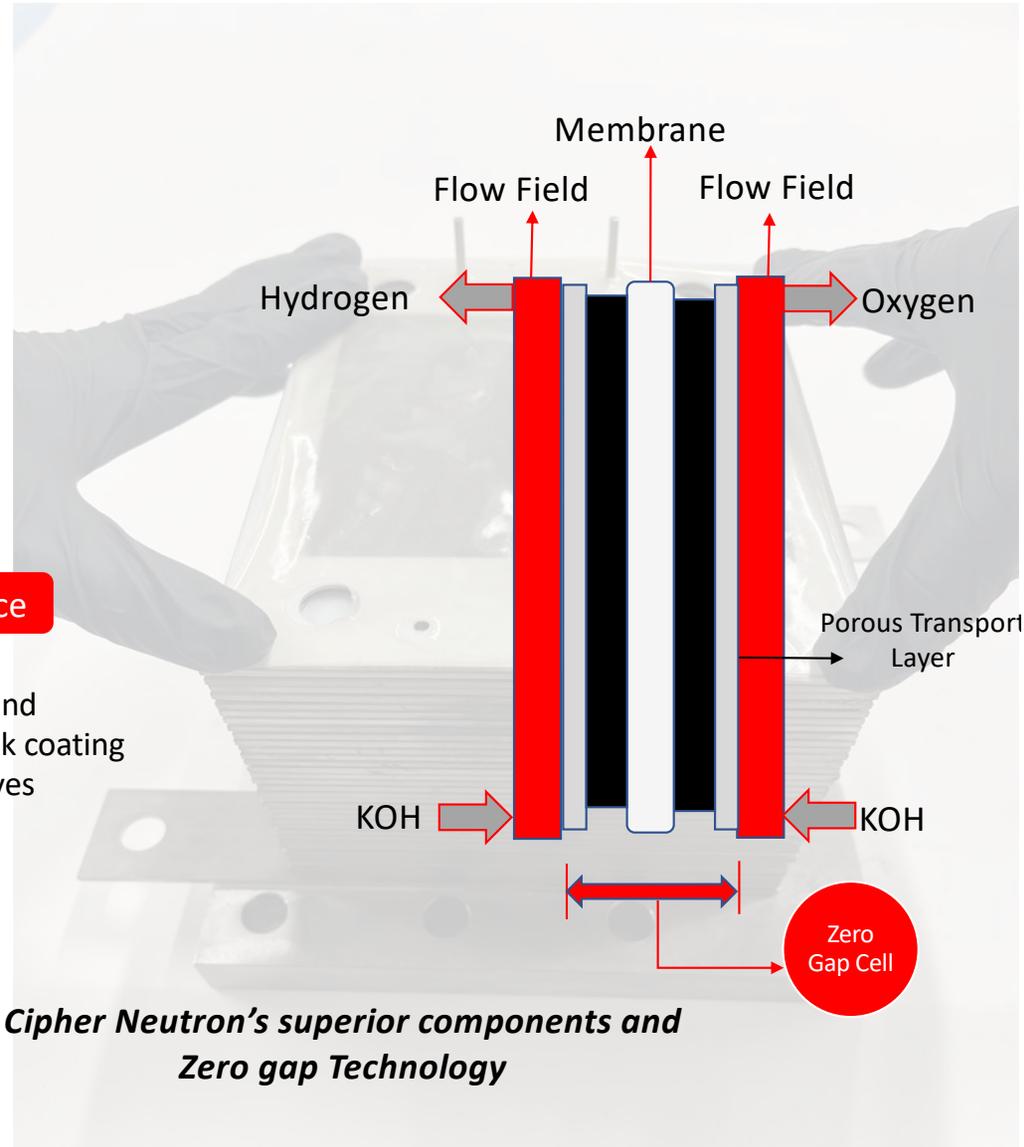
# Cipher Neutron's Superior AEM Technology

**CIPHER NEUTRON**

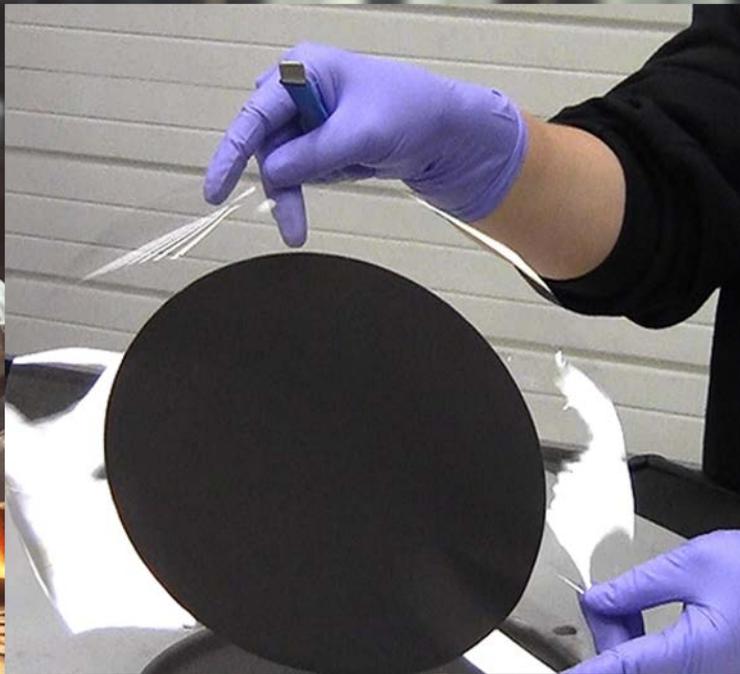
**Patents**  
Patent Pending: Cipher Neutron has patent pending flow field design

**Advanced Science**  
Ink coating: Unique ink recipe and methodology for ink coating membranes, achieves higher efficiencies

**State-of-the-art**  
AEM: uses state-of-the-art Anion exchange membrane to separate H<sub>2</sub> and O<sub>2</sub> gases



# Minimum Degradation



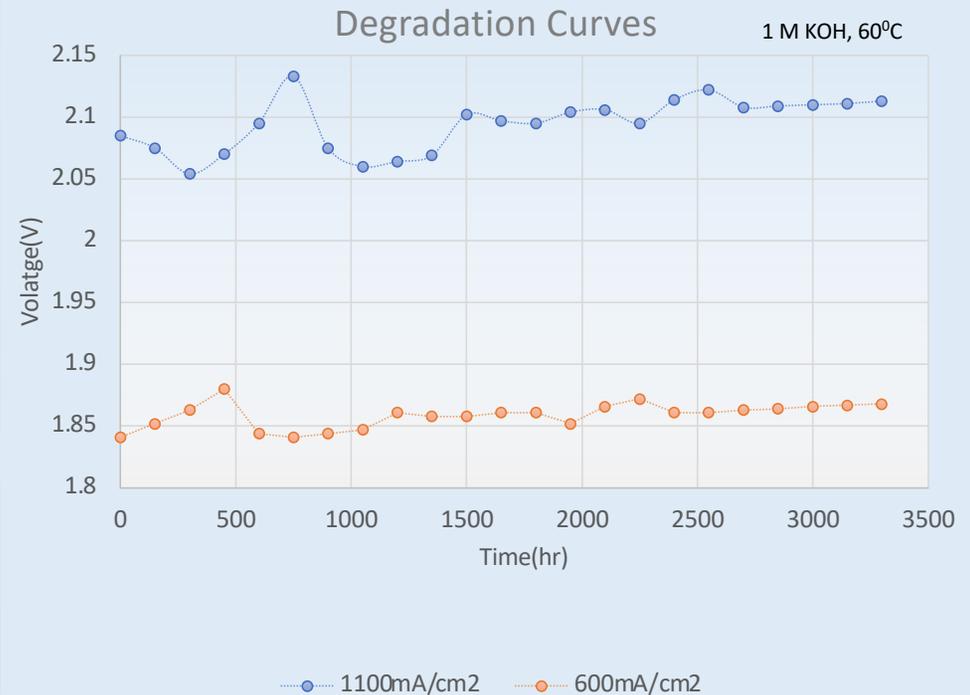
Less than 0.45% Degradation recorded after per 1000 hours

Less than 4% Degradation when extended on yearly basis

European benchmark for maximum allowed degradation is 9%

Expected Lifetime Of Our Electrolyser Is 10 Years

3300 hrs of performance of AEM Electrolyser at constant current density (600 mA/cm<sup>2</sup> and 1100 mA/cm<sup>2</sup>)



# Few AEM Competitors Have The Know-how To Deliver

## Existing AEM Industry Participants:



Enapter

Market Cap – 0.5 billion CAD  
IPO value – more than 1 Billion Euros  
Technology – AEM  
Electrolyser size – 2.4 kW  
Market ready – Yes



Cipher Neutron

Market Value– 40 million  
Technology – AEM and RFC  
Electrolyser size – 10 kW  
Market ready – yes

## Announced Attempts in Recent AEM R&D:



Evonik



Cummins



HydroLite



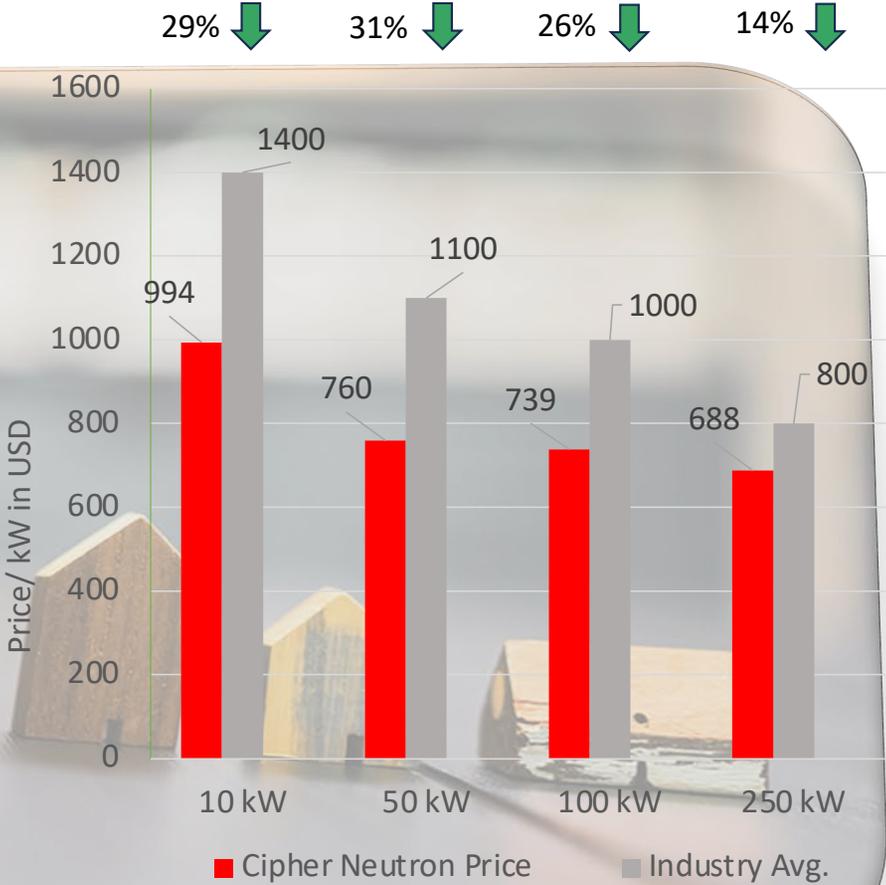
Sunfire

\* subject to change

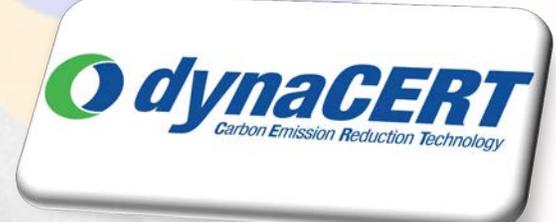
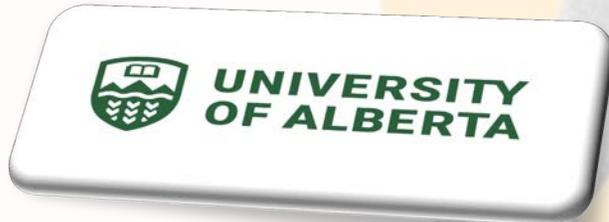
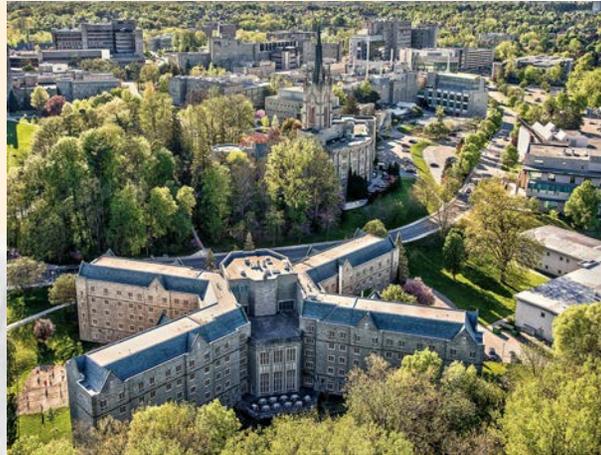
# AEM Product Description & Prices (Selling Price)

Cipher Neutron Product Pricing Benefits

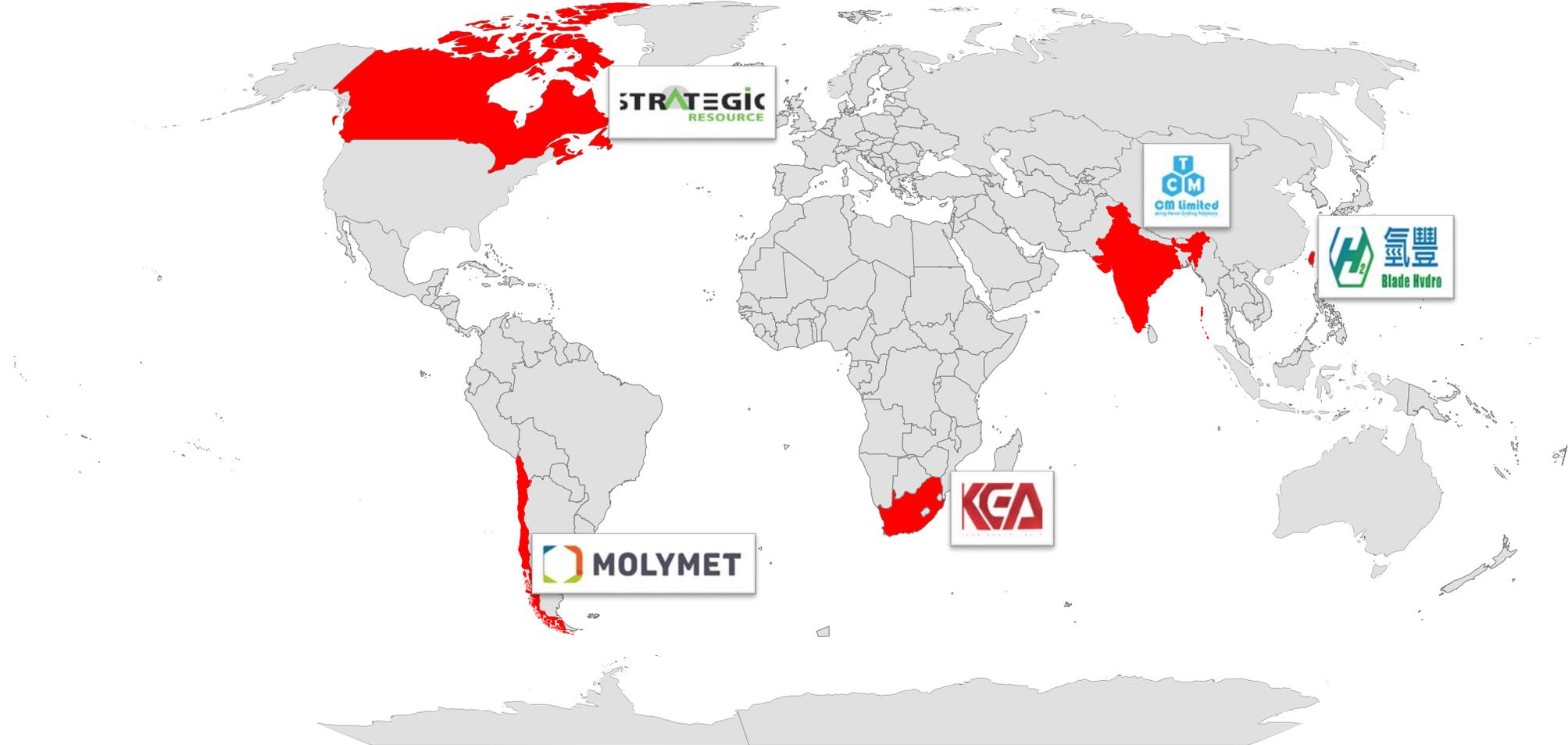
Product Size	Hydrogen Production per hour in Liter	Price in USD	Price USD/kW
10 kW	2000	\$ 10,020	\$ 994
50 kW	10,000	\$ 42,800	\$ 760
100 kW	20,000	\$ 78,992	\$ 739
250 kW	50,000	\$ 195,542	<b>\$ 688</b>



# Research Partners



# International Sales



# Future R&d Of Cipher Neutron

1st company in the world to have Reversible Fuel Cell

Non-compressed hydrogen storage

Single system to produce green hydrogen and electricity

Ability to replace lithium-ion batteries

Patent pending



**The RFC (Reversible Fuel Cell)**

# RFC Applications



Remote houses/cottages



Surplus power capture



Residential power backup



Power generation

# Product Launch Timeline (Cipher Neutron Is Production Ready)



Monthly capacity 20-MEGAWATT CAPACITY (2000 Stacks of 10 kW)

## Patents Filed

Successfully filed 5 patents. Many more under development.

Patent - Title	Status
Graphene Slurry Based Power Back Up System	Published, Patent Pending
Highly Efficient HT-PEM Fuel Cell Using Heat Pipe Based Cooling System	Published, Patent Pending
A Highly Efficient Polymer Acidic Electrolyte-based Reversible Fuel Cell With Serpentine Micro Flow	Published, Patent Pending
A Hybrid Solar Chimney With Wind Turbine Fore Hanced Efficiency	Published, Patent Pending
Highly Efficient Anion Exchange Membrane Electrolyser With Circular End Plates And Flow Channels	Published, Patent Pending

## Key Success Factors

- Professionals at Cipher Neutron
- Commitment to protect all our intellectual property & competitive innovations by filing worldwide patents
- Collaborations with top universities
- Corporate reward programme for employee excellence in innovation
- Careful selection of priorities to deploy research and production funds effectively

## Trademark Logo



# Our Management

"Great things in business are never done by one person; they're done by a team of people."  
– Steve Jobs



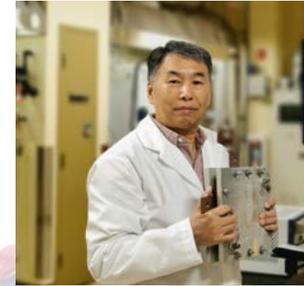
*Gurjant Randhawa, M.Eng, P.Eng  
Director, President and CEO  
Hydrogen Experience: 10+ year*



*Dr. Larisa Karpenko, P.hd  
Product Development  
Hydrogen Experience: 20+ year*



*Jean Pierre Colin  
Director, Corporate Secretary  
Hydrogen Experience: 7+ year*



*Dr. Xianguo Li, P.hd  
Advisory Board  
Hydrogen Experience: 30+*



*Dr. Mayilvelnathan, P.hd  
Director, Business Development  
Hydrogen Experience: 20+ year*



*Ranny Dhillon, M.Eng,  
Director, Chief Scientific Officer  
Hydrogen Experience: 8+ year*



*Amit Khedkar  
Chemical Engineer, EPC Specialist  
Hydrogen Experience: 10+ years*



*Dr. Amandeep Oberoi, P.hd  
Head of Research & Development  
Hydrogen Experience – 20+ years*



*Gurpreet Bhullar, M.Eng  
Chief Technical Officer  
Hydrogen Experience – 8+ years*



*Nancy Massicotte  
VP, Corporate Development  
Hydrogen Experience – 9 +*

# Our Management

*Gurjant Randhawa, M.Eng, P.Eng*  
*Director, President and CEO*

Gurjant Randhawa is a visionary and highly respected professional with extensive background in Cleantech technologies with focus on Hydrogen. Gurjant is registered with Professional Engineers Ontario, a highly respected licensing and regulating body for professional engineering in the province.

Gurjant Randhawa has more than a decade of hands-on experience in hydrogen electrolyzers and fuel cells. Mr. Randhawa has led the Cipher Neutron team with his unparalleled leadership skills and his in-depth knowledge in hydrogen technologies including but not limited to thin-film deposition, flow through porous media/ gas diffusion layers, material characterization skills and electrochemical diagnostic methods.

Mr. Randhawa has successfully put together a global team of scientists, engineers, technology developers, experts in hydrogen technology, and people that have worked in hydrogen and power generation sector for decades. Previously, he served as the Head of Research and Development for a very successful Toronto Stock Exchange listed company which markets alkaline based electrolyzers globally. Mr. Randhawa co-invented new technologies and filed many international patents in the hydrogen space.

Mr. Randhawa also serves as an Advisor for the Hydrogen Technology for a Toronto based private corporation, established to create one of Canada's leading hubs of Clean Technology public company-related knowledge. Randhawa holds a master's in mechanical engineering degree from the University of New Brunswick.

*Ranny Dhillon, M.Eng,*  
*Director, Chief Technical Officer*

Ranny Dhillon is a result oriented and innovative professional with 8+ years of research and development, prototyping, prototype to production experience in hydrogen electrolyzers, fuel cells and Membrane electrode preparation techniques. Ranny has thorough understanding of PEMFC, PEM Electrolyzers, AEM Electrolyzers and their sub-components such as MEA, Gas Diffusion Layer, Porous Transport Layer, Flow Fields etc. Ranny co-invented 3 international patents in switching cell technology, amperage-based analysis of hydrogen gas and Graphene-based hydrogen storage and delivery system.

Ranny has also worked on other renewable energy sources such as solar chimney, pump storage, geothermal and wind energy. Ranny has a very strong background in electromechanical engineering and holds a Masters in Engineering degree in Electrical Engineering. Ranny successfully developed and launched numerous automotive grade products.

*Dr. Mayilvelnathan, P.hd*  
*Director, Business Development*

Dr. Mayilvelnathan Vivekananthan (Vivek) is an Inventor, Innovation Coach and likes to work at the convergence of multiple clean and green energy technologies. Dr. Vivek has 20+ years of experience in the clean energy industry and in the area of research, planning, designing, development, implementation and operation of Green hydrogen projects in various parts of the world. Dr. Vivek's extensive international experience in both academia research and industry has allowed him to build an extensive network of friends and collaborators across the whole hydrogen value chain that work right now in the amazing challenge of building a new energy system for our society.

Currently Green Hydrogen Advisor for International Solar Energy Storage (ISES), Germany, Expert member in Global Wheels Foundations, USA, and Startup mentor for E4 Shell Green projects, Dr. Vivek also has expertise in application Engineering, Estimation for Green Hydrogen projects with timelines and study for Hydrogen value chains, and Hydrogen production by water electrolysis. Dr. Vivek also has in depth knowledge of optimisation of the Hydrogen electrolyser project's technical parameters, i.e. renewable power mix, hydrogen generator, ammonia loop etc. for the project.

# Our Management

*Dr. Larisa Karpenko, P.hd  
Product Development,  
Reversible Fuel Cells*

Dr.Karpenko-Jereb Larisa is an expert in simulation and modelling of polymer electrolyte fuel cells with more than 20-years-experience in academic and applied research. She graduated in the field of Electrochemistry and Physical Chemistry from the Institute of Membrane Technology at the Kuban State University, Krasnodar (Russia).

Since 2009 she has been working on modelling and simulation of durability and lifetime of polymer electrolytes and catalysts applied in renewable energy sources. The newly developed models have been used to diagnose critical conditions and monitoring degradation processes in the cells in order to optimize energy source reliability.

Dr. Karpenko-Jereb is the author and co-author of two book chapters and around 25 peer-reviewed papers. She is also a reviewer for a few scientific journals published by Elsevier and Springer, a leader of research projects granted by the Austrian Promotion Foundation (FFG).

*Dr. Amandeep Oberoi, P.hd  
Chief Scientist*

Amandeep Singh has 10 + years of Research and Development experience in Hydrogen Fuel Cells, Electrolysers and Hydrogen storage mediums. He has got 13 patents under his name and published more than 50 research articles in refereed internal journals and conferences. Dr. Oberoi has received his PhD in Mechanical and Manufacturing Engineering from the RMIT University, Australia. Besides, he is an Australian Commonwealth Government's Scholarship Awardee and a research grant awardee from Brown Coal Innovation Australia.

Dr. Oberoi is a renowned researcher in the field of hydrogen technology with a research focus on Green Hydrogen generation, its storage in various porous mediums, and utilization in PEM fuel cells for varied applications. Dr. Oberoi Executed numerous projects on the development of solutions for improved electrocatalysts and efficiencies for water electrolysers, fuel cells and reversible fuel cells.

*Jean-Pierre Colin MBA, LL.L, DCS  
Corporate Secretary*

Jean-Pierre Colin is Corporate Executive & Director of Public Companies in the Environmental & ESG compliant industry, Green & Hydrogen Economy: Galaxy Power Inc., Galaxy Placements Inc., dynaCERT Inc., Sego Resources Inc., White Metal Resources Corp.

JP was a pioneer of Flow Through Shares who led \$ Billions in Flow Through Share financings in Canada during his thirty-year career as an investment banker on Bay Street in Toronto. He also initiated numerous public Flow Through Share Funds which in aggregate successfully managed and invested over \$750 Million.

During his career as an investment banker, JP led corporate finance, syndication and M&A professionals focussing on resources and technology sectors, including Clean Technology.

Long-standing track record as senior Investment Banker and M&A specialist in the Canadian & International Financial Markets heading successful Corporate Finance Departments of Canadian mid-cap Securities Dealers.

Jean-Pierre Colin is a member of the Hydrogen Working Group of the Government of Ontario & Lobbying Government of Canada for Clean Technology Tax Incentives. Mr. Colin is LL.L. (Civil Law), MBA, DCS, Member of the Quebec Bar.

# Our Management

*Amit Khedkar, M.Eng*  
*Chemical Engineer, EPC specialist*

Amit Khedkar is a hydrogen scientist with chemical engineering background. During his recent role, Amit was Assistant Manager, Hydrogen Group at Iwatec Corporation Ltd, Nagasaki, Japan. A position with the combined roles of system design & integration, vendor development, project management, EPC and EMS project execution, market research and business development for fuel cell, hydrogen, and biogas projects. Having lived and worked there since 2017, Amit has gained invaluable market and cultural knowledge to boost any organisation's development efforts in the hydrogen generation market.

Prior to joining Iwatec, he worked with BHEL R&D, India, Sree Harshi Infoway Pvt Ltd, India and h2e power system Pvt Ltd, India which gave him thorough understandings on PEM and SOFC fuel cell component design, integration and testing.

During 7+ years of professional work experience, he also gained skills to work on vendor development, negotiations and proposal presentation. Besides that. He worked with several other well-known companies from India, Japan, USA, Netherlands, Germany, Belgium, Taiwan and Italy.

*Gurpreet Bhullar, M.Eng*  
*Head of Research & Development*

Gurpreet Bhullar is double masters in Mechanical Engineering and Management studies. Gurpreet has 8 years+ of work experience enriched with Product Development Techniques (PDT) and practical experience in design controls, risk management, verification, validation and change control, and failure investigation tools and techniques. His past work experience is a mix of academics and industry that provides him a critical theoretical and practical thinking ability.

Gurpreet has in depth knowledge of PEMFC, PEM Electrolysers, AEM Electrolysers and their sub-components such as MEA, Gas Diffusion Layer, Porous Transport Layer, Flow Fields etc.

Gurpreet has experience leading the development of the foundation design processes, design system and libraries, and adoption of the design strategy throughout the product lifecycle.

# Our Management

## *Dr. Xianguo Li* *Advisory Board*

Dr. Xianguo Li is a Professor of Mechanical and Mechatronics Engineering at the University of Waterloo. His research interests include fuel cells and electrolyzers, liquid fuel atomization and sprays, and green energy systems, as well as the thermal management of power batteries for electric vehicles.

Dr. Li serves as the editor in chief for the International Journal of Green Energy, Field Chief Editor for Frontiers in Thermal Engineering; Vice President, Technical Program, Canadian Society for Mechanical Engineering; President of the Fuel Cell Division, International Association for Hydrogen Energy, and President, International Association for Green Energy (IAGE). He is a fellow of Canadian Academy of Engineering, Engineering Institute of Canada and Canadian Society for Mechanical Engineering.

## *Nancy Massicotte* *VP, Corporate Development*

Nancy Massicotte is the President of IR Pro Communications Inc. and has been involved in the corporate development, investor relations and advisory field for over 23 years, working with companies in various sectors such as mining, technology, biotech, oil and gas.

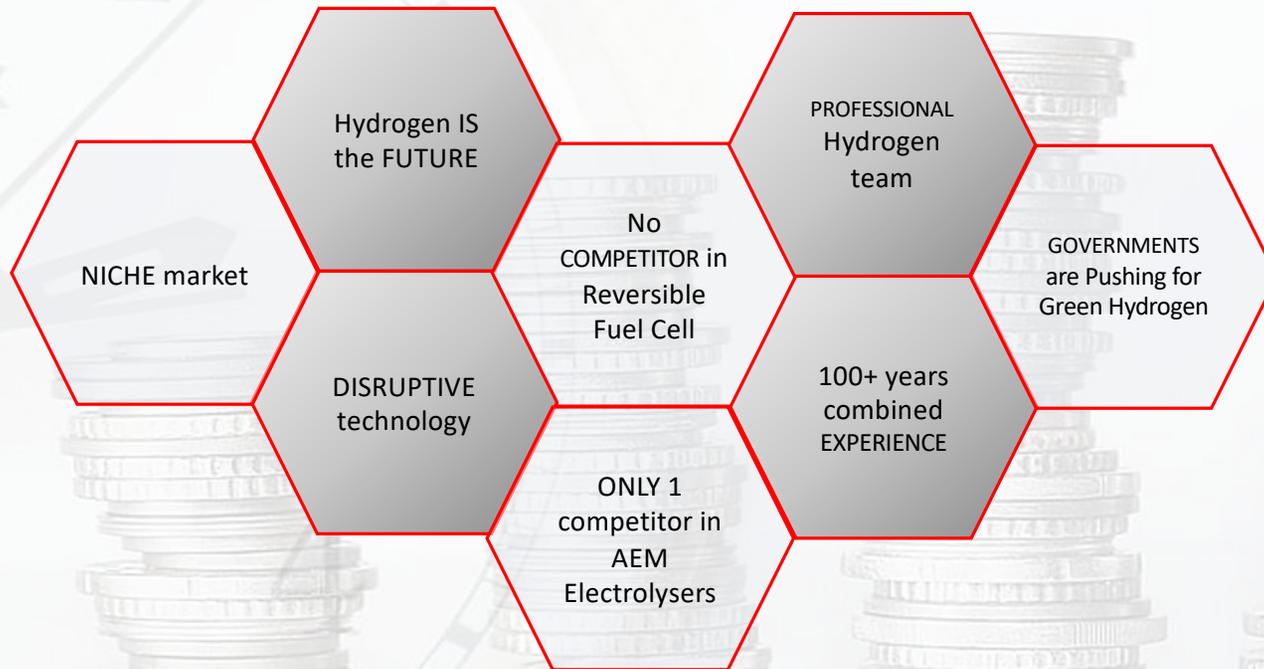
Ms. Massicotte has developed excellent personalized relationships with brokers, investors, analysts and newsletter writers. Her knowledge and experience enable successful communication to shareholders and the investment community in a particularly comprehensive way.

Ms. Massicotte understands IIROC rules and Canadian National Instruments relating to proper regulatory disclosure and language norms of press releases of public entities.

She has facilitated significant introductions to strategic partners and successfully assisted in sourcing equity and flow through financing. IR Pro Communications Inc. provides additional exposure for clients through social media channels, news dissemination channels and video interviews

# Why Invest

*Hydrogen is one of the most promising alternative fuels.*  
Ciper Neutron can produce low cost Green Hydrogen.



# Sales Projections

Revenue										
Product	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Stack	\$1,251,112	\$ 4,116,337	\$ 25,859,193	\$ 58,159,522	\$ 225,010,175	\$ 524,877,635	\$ 937,164,265	\$ 950,617,087	\$ 1,111,753,074	\$ 1,144,370,499
Electrolyzer	\$ -	\$ 4,832,023	\$ 37,339,886	\$ 103,499,504	\$ 427,087,962	\$ 673,719,563	\$ 363,350,120	\$ 225,178,681	\$ 674,345,358	\$ 700,522,799
RFC	\$ -	\$ -	\$ 6,328,159	\$ 26,271,015	\$ 45,059,812	\$ 99,453,157	\$ 748,010,846	\$ 1,045,948,833	\$ 512,768,934	\$ 512,768,934
<b>Total</b>	<b>\$ 1,251,112</b>	<b>\$ 8,975,871</b>	<b>\$ 69,527,239</b>	<b>\$ 187,930,041</b>	<b>\$ 697,157,948</b>	<b>\$ 1,298,050,355</b>	<b>\$ 2,048,525,232</b>	<b>\$ 2,221,744,602</b>	<b>\$ 2,298,867,366</b>	<b>\$ 2,357,662,232</b>

# CASH FLOW

Margin										
Product	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Stack	\$454,025	\$ 1,502,960	\$ 9,618,989	\$ 21,613,708	\$ 84,195,567	\$ 196,744,021	\$ 350,767,534	\$ 355,649,522	\$ 416,122,664	\$ 428,188,282
Electrolyzer	\$ -	\$ 1,668,641	\$ 13,212,627	\$ 36,316,893	\$ 151,585,155	\$ 242,129,795	\$ 129,468,710	\$ 79,434,420	\$ 241,088,079	\$ 250,012,750
RFC	\$ -	\$ -	\$ 2,146,672	\$ 8,918,576	\$ 15,347,555	\$ 33,841,584	\$ 255,576,094	\$ 358,021,752	\$ 175,098,980	\$ 175,098,980
<b>Total</b>	<b>\$454,025</b>	<b>\$ 3,171,601</b>	<b>\$ 24,978,288</b>	<b>\$ 66,849,177</b>	<b>\$ 251,128,277</b>	<b>\$ 472,715,401</b>	<b>\$ 735,812,339</b>	<b>\$ 793,105,694</b>	<b>\$ 832,309,723</b>	<b>\$ 853,300,012</b>

# Valuation

<b>NPV</b>		Enter Discount Rate		10.0%		
NPV @ 10.0% (10 years) in CAD millions						
Electroliser Margin		Stack Margin				
\$	1,866	10%	20%	30%	40%	50%
50%	\$	1,634.6	\$ 1,692.4	\$ 1,750.2	\$ 1,808.0	\$ 1,865.8
40%	\$	1,528.2	\$ 1,586.0	\$ 1,643.8	\$ 1,701.6	\$ 1,759.4
30%	\$	1,421.8	\$ 1,479.6	\$ 1,537.4	\$ 1,595.2	\$ 1,653.0
20%	\$	1,315.4	\$ 1,373.2	\$ 1,431.0	\$ 1,488.8	\$ 1,546.6
10%	\$	1,209.0	\$ 1,266.8	\$ 1,324.6	\$ 1,382.4	\$ 1,440.2
<b>NPV Per Share</b>		Per Share NPV @ 10.0% (10 years) in CAD				
Electroliser Margin		Stack Margin				
\$	1,865,791,138	10%	20%	30%	40%	50%
50%	\$	14.15	\$ 14.65	\$ 15.15	\$ 15.65	\$ 16.15
40%	\$	13.23	\$ 13.73	\$ 14.23	\$ 14.73	\$ 15.23
30%	\$	12.31	\$ 12.81	\$ 13.31	\$ 13.81	\$ 14.31
20%	\$	11.39	\$ 11.89	\$ 12.39	\$ 12.89	\$ 13.39
10%	\$	10.47	\$ 10.97	\$ 11.47	\$ 11.97	\$ 12.47
<b>IRR</b>		IRR (10 years) in CAD				
Electroliser Margin		Stack Margin				
182%		10%	20%	30%	40%	50%
50%		172%	174%	177%	179%	182%
40%		165%	167%	170%	172%	175%
30%		157%	160%	163%	165%	168%
20%		149%	152%	155%	158%	161%
10%		141%	144%	147%	150%	153%

# Cipher Neutron In The News

- [Cipher Neutron and University of Alberta collaborate on advanced Research and Development in AEM](#)
- [Cipher Neutron Receives Initial Purchase Order from Kuber Group in Africa and Enters Into MOU to Deploy Cipher Neutron's AEM Electrolysers Totalling 10 Megawatts of Capacity](#)
- [Cipher Neutron Receives Purchase Order from Blade Hydrogen in Taiwan for its AEM Electrolysis Technology](#)
- [Cipher Neutron Signs Collaboration Agreement with Ionomr to Create North America's First 250-Kilowatt AEM Hydrogen Electrolyzer](#)
- [Cipher Neutron concludes Marketing Agreement with Technomak to supply AEM Electrolysers](#)
- [Cipher Neutron Live at the 1st Hydrogen Day \(IIF\) to be Held on June 15th, 2023](#)
- [Cipher Neutron Appoints Dr. Xianguo Li to its AEM Hydrogen Electrolyser Advisory Board](#)
- [dynaCERT and Cipher Neutron Catapult into the Hydrogen Economy Establishing an International R&D Facility in the Greater Toronto Metropolitan Area](#)
- [Dynacert Invests \\$17.5M in Cipher Neutron Under Collaborative R&D Deal](#)
- [dynaCERT and Cipher Neutron Signs MOU with Safe Energy and Astec in India, Europe & Middle East](#)
- [dynaCERT and Cipher Neutron to unveil new electrolyser technology at the Edmonton Hydrogen Conference](#)
- [dynaCERT and Cipher Neutron Applaud the Canadian Clean Technology Tax Incentives of Budget 2023](#)
- [Cipher Neutron enters Mining Industry with Molymet](#)
- [Edmonton region boasts \\$100 billion in hydrogen opportunities: expert](#)
- [European investment bank and kenya strengthen green hydrogen cooperation](#)
- [India makes \\$2.3 billion green hydrogen push to meet climate goals](#)



Green Hydrogen Delhi 2023



Connecting Green Hydrogen MENA 2023 (CGHM2023)



# CIPHER NEUTRON INC.

Believe in hydrogen, believe in Cipher



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H<sub>2</sub>  
HYDROGEN

H<sub>2</sub>  
HYDROGEN