This presentation contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. These forward-looking statements are based on our current expectations about our company, our properties, our estimates of required capital expenditures and our industry. Words such as "expect," "will," "anticipate," "indicate," "estimate," "believes," "plans" and similar expressions are intended to identify such forward-looking statements. It is important to note that any such forward-looking statements are not guarantees of future performance and involve a number of risks and uncertainties. Actual results could differ materially from those projected in such forward-looking statements. Factors that could cause actual results to differ materially from those projected in such forward-looking statements include: the preliminary nature of well data, including permeability and gas content, and commercial viability of the wells; risk and uncertainties associated with exploration, development and production of oil and gas; drilling and production risks; our lack of operating history; limited and potentially inadequate cash resources; expropriation and other risks associated with foreign operations; anticipated pipeline construction and transportation of gas; matters affecting the oil and gas industry generally; lack of oil and gas field goods and services; environmental risks; changes in laws or regulations affecting our operations, as well as other risks described in our Annual Report on Form 10-K, Quarterly Reports filed on Form 10-Q, and subsequent filings with the Securities and Exchange Commission ("SEC"). Erin Energy undertakes no obligation to publicly update or revise any forward-looking statements.

We use certain terms in this presentation such as “contingent resources,” “prospective resources,” “leads,” “oil in place” and similar terms that the SEC’s guidelines strictly prohibit us from including in filings with the SEC. Our Probable (2P) and Possible (3P) reserves may not meet SEC rules and Guidelines (including those relating to pricing) for such reserves. These terms include reserves with substantially less certainty, and no discount or other adjustment is included in the presentation of such reserve numbers. U.S. investors are urged to consider closely the disclosure in our Form 10-K for the year ended December 31, 2016 and in our other filings with the SEC, available on our website at www.erinenergy.com, from us at 1330 Post Oak Blvd., Suite 2250, Houston, Texas 77056, Attn: Investor Relations, or by calling us at (713) 797-2940. You may get these documents for free by visiting EDGAR on the SEC web site at www.sec.gov or by calling the SEC at 1-800-SEC-0330.
Focus on Bringing on Elephant Fields and Growing Production

- 5 World-class assets in 3 African countries
- 3.6 Billion barrels of un-risked P-50 resources
- 16 Million barrels of net reserves (2P)

Nigeria
- Current production of ~5,000 bopd
- Licences surrounded by super-majors
- Drill Oyo-NW Miocene prospect in 4Q 2017 (1.1 Bbbls mean Resources)\(^1\)
- Plan to drill 2 additional Miocene prospects in 2018 (targets ~1.9 Bbbls)\(^2\)

Gambia
- Adjacent to largest oil discovery in 2015 (SNE discovery offshore Senegal)
- First well to be drilled 2H 2018 (ERN carried)

Ghana
- 3-D seismic and well in 2018
- 3 previously discovered oil fields (In-place oil volumes of 500 MMbbls\(^3\))

Key Facts
Trading Symbol (NYSE& JSE).........................ERN
Stock Price (11/10/17)..............................$2.55
Shares Outstanding (11/10/17)..............218.28M
52wk Range..............................$1.15 – 4.10
Corporate HQ..............................Houston, TX

\(^1\) Source: Management estimates (un-risked) based on Ikon Science Study Inputs
\(^2\) Source: DeGolyer and MacNaughton – G Prospect downthrown target & Ereng Prospect
\(^3\) Source: DeGolyer and MacNaughton
## Near-Term Catalysts

| **Oyo-NW** | • Well to tap into Miocene formation with 1,109 MMbbls Mean Resources\(^1\)  
• Drilling to commence in 4Q 2017  
• Fully-funded  
• High % chance of success in relation to benchmarked projects |
| **Oyo-9** | • Production expected in 2018  
• ~7,000 BOPD tied back to existing infrastructure (FPSO in place with excess capacity)  
• Well drilled and waiting for completion and tie-back phase when funds released  
• Significantly reduces breakeven cost per barrel |
| **Ereng & G-Prospects** | • Exploration wells to tap into Miocene formation with 1,900 MMbbls Mean Resources\(^2\)  
• Drilling expected 1H 2018  
• Capital requirement of ~$50m  
• High % chance of success in relation to benchmarked projects |
| **M&A** | • Considering strategic acquisitions  
• Focus on producing assets  
• Targeting 10,000 – 20,000 BOPD |

\(^1\) Source: Management estimates (un-risked) based on Ikon Science Study Inputs  
\(^2\) Source: DeGolyer and MacNaughton – G Prospect downthrown target & Ereng Prospect
## NIGERIA

<table>
<thead>
<tr>
<th>Offshore</th>
<th>Gross Acres</th>
<th>Interest</th>
<th>Partner</th>
<th>Status</th>
<th>2P / 2C Contingent</th>
<th>Comment</th>
</tr>
</thead>
</table>
| OML 120   | 230,000     | 100%     | -       | Production  | 16.5 MMbbls (2P) / 43.3 MMbbls (Uncertified 2C) | • 2016 average production c. 5.9 kbopd  
• 2 wells to be drilled and/or tied-back to existing infrastructure to increase production in 2018  
• 5 prospects (G, Ereng, Oyo NW, P and Ewo Deep) with 3.6 bn bbls of unrisked recoverable prospective resources  
• Oyo-NW prospect to be drilled in 4Q 2017 |
| OML 121   | 217,000     | 100%     | -       | Exploration | 43.3 MMbbls (Uncertified 2C) |                                                                                                                                 |

## GAMBIA

<table>
<thead>
<tr>
<th>Offshore</th>
<th>Gross Acres</th>
<th>Interest</th>
<th>Partner</th>
<th>Status</th>
<th>1+ Bbbls</th>
<th>Comment</th>
</tr>
</thead>
</table>
| Block A2  | 320,000     | 20%      | FAR     | Exploration | 1+ Bbbls | Carry on first exploration well - expected in 2018  
Blocks on trend with the SNE oil discovery in Senegal  
3D seismic acquisition completed and being processed  
Several leads identified with new 3D seismic  
1B+ barrels prospective resources, per FAR ltd. |
| Block A5  | 343,000     | 20%      | FAR     | Exploration | 1+ Bbbls |                                                                                                                                 |

## GHANA

<table>
<thead>
<tr>
<th>Offshore</th>
<th>Gross Acres</th>
<th>Interest</th>
<th>Partners</th>
<th>Status</th>
<th>16.2 MMbbls (Certified 2C) + 25.2MMbbls (yet to be certified)</th>
<th>Comment</th>
</tr>
</thead>
</table>
| Expanded Shallow Water Tano Block | 373,000     | 30%      | Ultramar Energy, GNPC, Base Energy | Exploration Appraisal | 3 Discovered Fields with 2C contingent resources  
4 high-quality prospects identified  
3D seismic acquisition planned for 2018 |
Drill-Ready Exploration Wells

Nigeria OMLs 120 and 121 Overview

- Prolific Western Niger Delta (> 40 Billion Barrels Discovered)
- Flanked by the Giant Fields – Bonga, Erha & Bosi
- Production Facilities on the Block
- Prioritized high-value exploration portfolio
- Five Prospects Drill Ready
- Mean Prospective Resources of 3.6 Bbbls oil (5 Prospects)

Anticipated Development Summary

<table>
<thead>
<tr>
<th>Prospect</th>
<th>Est. Production (Net mmbbls)</th>
</tr>
</thead>
<tbody>
<tr>
<td>G</td>
<td>239 mmbbls</td>
</tr>
<tr>
<td>Ereng</td>
<td>1,695 mmbbls</td>
</tr>
</tbody>
</table>

Source: *DeGolyer and MacNaughton.*
Prospective resources & production values are unrisked.

Company Presentation / December 2017
Pacific Drilling rig will spud well in 4Q 2017

Drilling is estimated to last ~ 60 days

A massive NE-SW oriented, highly faulted, shale diapir influenced structure

Pliocene / Miocene stacked channel sequences stratigraphically trapped at all levels

Prospective sequence from 1300 – 4000 meters

Large amplitude anomalies, from 17 – 32 km² area, mapped at the interpreted levels.

Flat events have been recognized at the main target levels.

A lower risk, high impact, high reward prospect.

Third Party Quantitative Interpretation study completed by Ikon Science showing significantly higher potential

Mean Gross Unrisked Resources: 1.1 Billion Barrels of Oil recoverable + 970 BCF GAS
Erin contracted Ikon to conduct a third party assessment of the prospect.

- Results show a significant interval stacked oil sands
- High probability of finding stacked oil sands
Nigeria: OML120 – Ereng Prospect

Targets Miocene mini-basin play; mean unrisked recoverable resources of 1.7bn bbl

- 715 m water depth
- Drill Depth: 4,200 m
- Mix structural-stratigraphic prospect with 4 amplitude supported sedimentary units
- Multi-targets Miocene Mini-basin play: ponded slope fan lobes, confined amalgamated channel/lobe systems and unconfined sheet sands systems
- Mean unrisked recoverable prospective resources
  - Oil: 1,700 mmbbl
  - Associated gas: 2,086 bcf
Nigeria: OML120 – G Prospect

Multiple objects in the upper / mid Miocene play

- 850 – 900 m water depth
- Drill Depth: 2,600 m
- Upper/Mid Miocene amplitude supported play
- Faulted rollover anticline on top of shale ridge
- Mean un-risked recoverable prospective resources
  - Oil: 239 mmbbl

G Horizon Structure
with Amplitude Attribute
Estimated 2P reserves and 2C resources add up to ~101 mmboe at 2016 year-end
- 2P proved reserves of 16.5 mmboe year-end 2016
- 2C certified resources of 16.2 mmboe
- 2C yet-to-be certified resources of 68.5 mmboe

Prospective resource base of up to 3.6 bboe contributed from the various prospects in OMLs 120 and 121
- Hypothetical valuation of ~ $1 Billion +
  - At $0.25 / barrel of oil in the ground, resources could equate to $900M
  - At $0.50 / barrel of oil in the ground, resources could equate to $1.8B

Note: Oyo North West prospect resources not included the D&M Sep ‘14 report and based on Ikon Science Study and Management estimates.
The Gambia

Overview
- Blocks A2 & A5 awarded in 2012 for 4 years to December 2018
- Farmed out 80% interest to FAR for $5.2MM and secured a carry on the first exploration well
- Exploration Well Planned for 2018

Exploration Potential
- On trend with Cairn’s Senegal SNE Oil Discovery with 2C contingent resource of 561 MMBO
- Large 4-Way dip closure prospect
- Mapped on new modern 3D Seismic
- Proven Petroleum System
- High Chance of Success
- Same reservoir section penetrated in the SNE Discovery
Overview
- Block with 3 discovered fields
- Near term development opportunity
- In-place oil volumes of 500 million barrels

Exploration Potential
- Identified four high quality prospects adjacent to the discovered fields
- Exploration portfolio provides low risk update to discovered fields
- 3D acquisition planned to better define prospectivity
Our Team

Experienced and diverse international management team

1. Femi Ayoade  
Masters (Petroleum Engineering), University of Houston  
Chief Executive Officer

Mr. Ayoade joined the company as technical manager in September 2011. Prior to joining Erin Energy, he was technical manager of Allied Energy Plc where he provided leadership in a variety of positions, including Drilling, Petroleum Engineering, and Project and Petroleum Operations.

Mr. Ayoade earned a HND degree in petroleum engineering from the Petroleum Training Institute in Nigeria and a master's degree in petroleum engineering from the University of Houston. He is a member of the Society of Petroleum Engineers.

2. Heidi Wong  
MBA, Wuhan University  
Senior Vice President and Chief Administrative Officer

Appointed Senior Vice President and Chief Administrative Officer, September 2013; joined the Company in 2008; Two decades experience, business development, government liaison and commercial affairs With Texaco and Chevron; Member of the Association of International Petroleum Negotiators, Society of Petroleum Engineers.

3. Carl Scharpf  
MSc (Geology), University of Cincinnati  
VP, Exploration and Geoscience

26 years experience in the oil and gas industry worldwide. Was offshore gulf of Mexico exploration manager for Apache Corporation. Previous positions at Murphy Oil, Marathon Oi, Burlington Resources, Union Texas Petroleum and Amoco. Member of American Association of Petroleum Geologists.

4. Ojay Uzoh  
Masters (Petroleum Engineering), University of Houston  
VP, Technical

Over 29 years engineering experience spanning five continents. Spent 20 years at shell international E&P and Shell Oil SA. Technical consultant to a major Los Angeles hedge fund. Member of the Society of Petroleum Engineers.
The Board

Distinguished Board of Directors

1. Frank Ingriselli
   Chairman, Independent Director
   Mr. Ingriselli serves as the President and Chief Executive Officer of Blackhawk Energy Ventures Inc., a position he has held since founding the company in 2016, and has more than 36 years of experience in the energy industry with wide ranging oil and natural gas exploration and production company experience in diverse geographies, business climates and political environments. Mr. Ingriselli was the founder in 2011 of PEDEVCO Corp. a NYSE MKT listed company and the founder of Pacific Asia Petroleum Inc. in 2005 (Erin’s predecessor entity).

2. Lee P. Brown
   Independent Director
   Board member since April, 2010; career in law enforcement; three-term Mayor of Houston; Director, White House Office of national Drug control Policy, Clinton administration; honorary doctorates from Florida International University, Portland State University, State University of new York, Fresno state University, John Jay College of Criminal Justice, Paul Quinn College, Howard University; Chairman, CEO of Brown Group International, Board Chairman, Unity National Bank.

3. Dudu Hlatshwayo
   Independent Director
   Board member since 2015; Independent non-executive director, Public Investment Corporation of South Africa, since December 2013; Chairman and founder, Change EQ, privately-held management consulting firm; board member, K2N Growth Fund, AFMETCO, and the Land Bank; passionate about building ethical and sustainable corporate organisations that are sensitive to the environment.

4. Femi Ayoade
   Director / Chief Executive Officer
   Mr. Ayoade joined the company as technical manager in September 2011. Prior to joining Erin Energy, he was technical manager of Allied Energy Plc where he provided leadership in a variety of positions, including Drilling, Petroleum Engineering, and Project and Petroleum Operations.

5. John Rudley
   Independent Director
   Dr. Rudley served as the President of Texas Southern University from February 2008 to July 2016, where he was responsible for instituting substantive and far-reaching changes via administrative, academic, student and outreach initiatives. From June 2007 to February 2008, Dr. Rudley served as the Interim Chancellor for the University of Houston System and the Interim President for the University of Houston.

6. Mahmud Ahmed
   Independent Director
   Mr. Ahmed has an extensive history of government service on behalf of the Republic of Nigeria and has served at the highest levels of the Nigerian Government. Mr. Ahmed served as the Secretary to the Government of the Federation of Nigeria, a role that involved serving as Secretary to all Councils and bodies chaired by the President of the Republic, such as the Federal Executive Council and the Council of State. Mr. Ahmed served as the Minister of Defense and as the Head of Civil Service, where he was responsible for instituting fundamental reforms.

7. J. Michael Stinson
   Independent Director
   More than 37 years experience in upstream and mid-stream oil and gas with ConocoPhillips and its predecessor company, Conoco, Inc. Multi-national operational and leadership experience with extensive experience in business development, corporate planning and M&A activity as an executive at ConocoPhillips and as a director of numerous listed companies. Extensive experience in government and public relations as SVP, Government Relations at ConocoPhillips and as Senior Advisor to the Iraqi Ministry of Oil for the U.S. Department of Defence.
For more information: www.erinenergy.com

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