

Evercore
Energy

Creation of value with Microreactors

Presentation for Louisiana stakeholders

Marcio Paes Barreto | mpaesbarreto@evercore-energy.com



Agenda

INTRODUCTION AND PERSPECTIVES

Economic, Industrial and Business Development

ADVANCING NUCLEAR

Wyoming's strategic framework

A NEW LEASE ON ENERGY

Evercore and entrepreneurial ecosystem

Introduction and Perspective

Marcio Paes-Barreto

Background: Industrial engineering, economic development, public policy, and entrepreneurship.

Experience: Business development, program management, and leadership development.

Evercore Energy – Co-Founder and Managing Director

Wyoming Energy Authority – Director of Industrial Development

Introduction and Perspective

Energy is the key that unlocks prosperity,
capturing opportunities to create value,
growing businesses and industries.

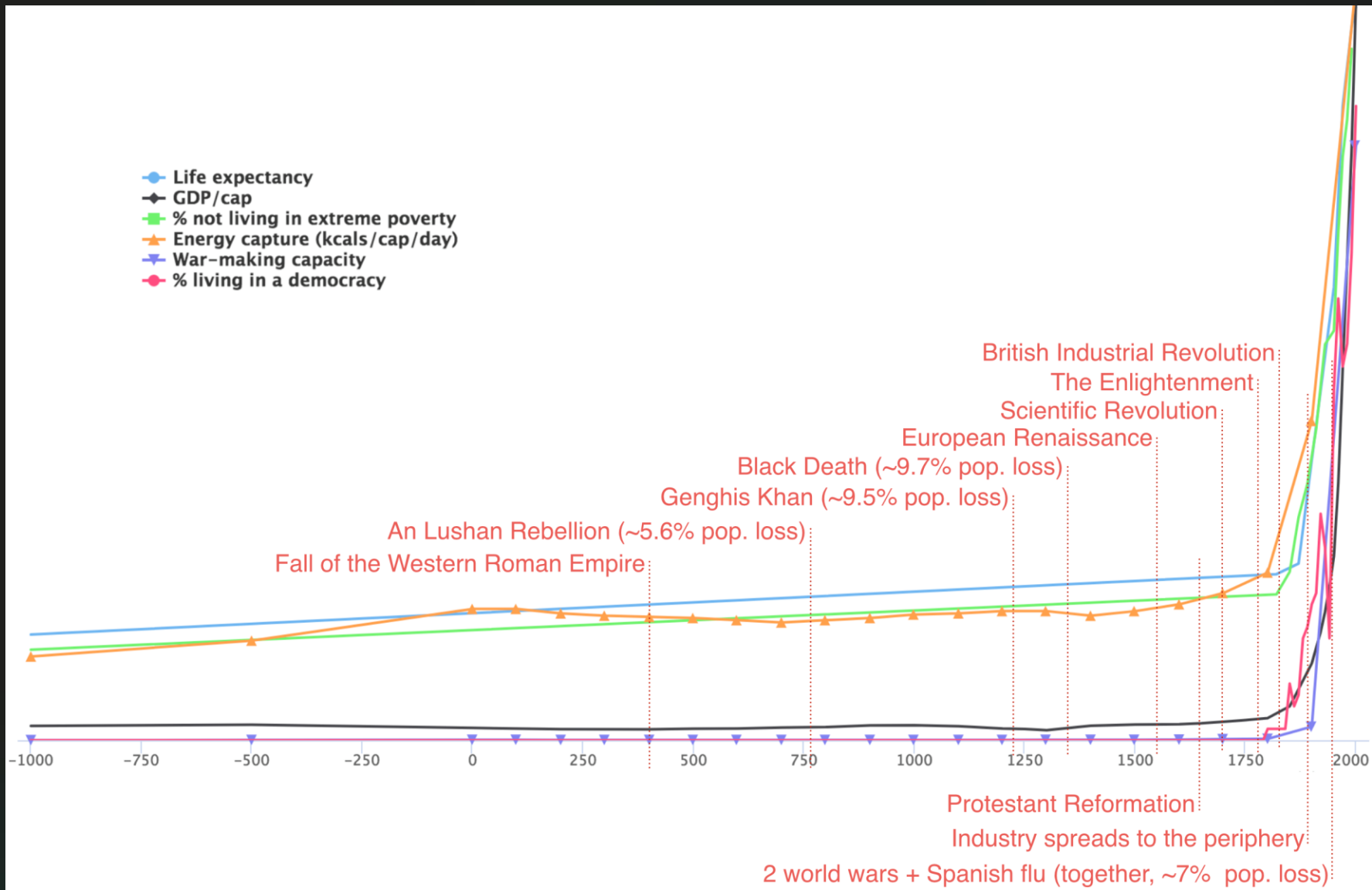
Introduction and Perspective

Business Development
increases revenue by creating value

Industrial Development
growing industries within an economy

Economic Development
creation of prosperity





Source: Human history, in one chart - Almost all the gains in human well-being in history happened since the Industrial Revolution. – Vox.com, Kelsey Piper, 2018



Agenda

INTRODUCTION AND PERSPECTIVES
Economic, Industrial and Business Development

ADVANCING NUCLEAR
Wyoming's strategic framework

A NEW LEASE ON ENERGY
Evercore and entrepreneurial ecosystem



Wyoming Energy Announcement



NATRIUM

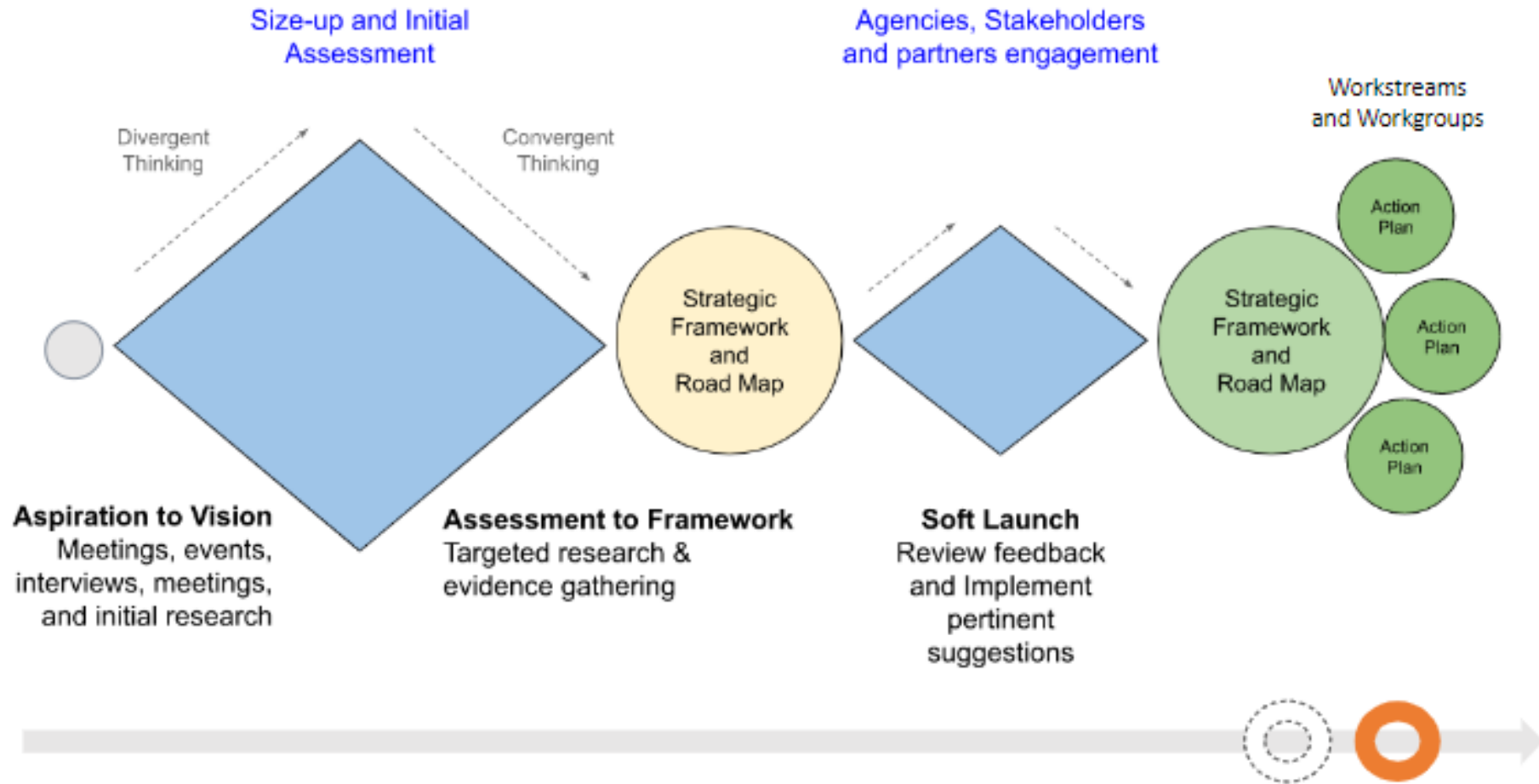
Slide: courtesy of Wyoming Energy Authority (WEA)



Q1 2023 to Q4 2026

Slide: courtesy of Wyoming Energy Authority (WEA)

Strategic Framework and Road Map



Slide: courtesy of Wyoming Energy Authority (WEA)

Wyoming nuclear energy framework

From assessment to strategic framework and roadmap.

From user cases to demonstrations. From projects to industry development



Slide: courtesy of Wyoming Energy Authority (WEA)

Wyoming Nuclear Energy Strategy

From assessment to strategic framework and roadmap.

From user cases to demonstrations. From projects to industry development



Slide: courtesy of Wyoming Energy Authority (WEA)



Wyoming nuclear energy framework

From assessment to strategic framework and roadmap.

From user cases to demonstrations. From projects to industry development

GENERATION

**Grid Scale Generation
and Microgrids**

Ongoing + proposed efforts

Natrium workstream

NASEO / NARUC collaborative

Utilities workstream

SUPPLY CHAIN

Broader Energy Economy

Materials, parts, and services
workstream

- Opportunity tracker
workgroup - Parts and
services in the Nuclear

Fuel workstream

VALUE CHAIN

Industrial Applications

Frontiers Initiative and EMA

- End-users case to
demonstrations
workgroup

Slide: courtesy of Wyoming Energy Authority (WEA)



POWER

Featured Categories

Sign up

BWX



Sep 13, 2023
by Aaron Larson

ALSO IN THIS ISSUE
September 13, 2023

Nuclear | Sep 14, 2023
DOD Advances X-Energy Mobile Nuclear Microreactor as Second Project Pele Design

by Sarah Patel



Nuclear | Sep 14, 2023
Palisades Nuclear Power Plant May Get a Second Chance

Nuclear

Wyoming Energy Authority Makes Investment Toward Microreactor Deployment

BWX Technologies (BWXT) said it was awarded a "two-phase, two-year contract" with the Wyoming Energy Authority (WEA) to assess the viability of deploying small-scale nuclear reactors in



Energy & Environment | New Nuclear | Regulation & Safety | **Nuclear Policies** | Corporate | Uranium & F

Wyoming to consider microreactors as SMR plans continue

14 August 2023

ikuer90.1



A project led by BWXT Advanced microreactors to supplement 1 be one of the first recipients o programme. But TerraPower h Natrium reactor in the state b

Kemmerer, Wyoming preps for an influx of nuclear workers

Wyoming Could Be Home For Another Type of Advanced Nuclear Reactor



3h Tan



Slide: courtesy of Wyoming Energy Authority (WEA)



Agenda

INTRODUCTION AND PERSPECTIVES
Economic, Industrial and Business Development

ADVANCING NUCLEAR
Wyoming's strategic framework

A NEW LEASE ON ENERGY
Evercore and entrepreneurial ecosystem

About Us

L&H INDUSTRIAL COMPANY

60 years of honestly better solutions

GROUNDLED IN EXCELLENCE

Quality, Safety, Innovation, and Service

A NEW LEASE ON ENERGY

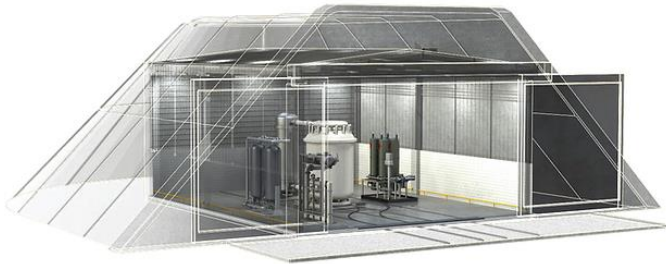
Key to prosperity and growth

Developing, Building and Growing

Ever∞re
Energy

Solutions that enable industries to capture the value of successfully navigating an ever-evolving and complex energy landscape.

Energy as a Service / Heat as a Service



Nuclear Microreactors

Energy waste the size of a fingertip

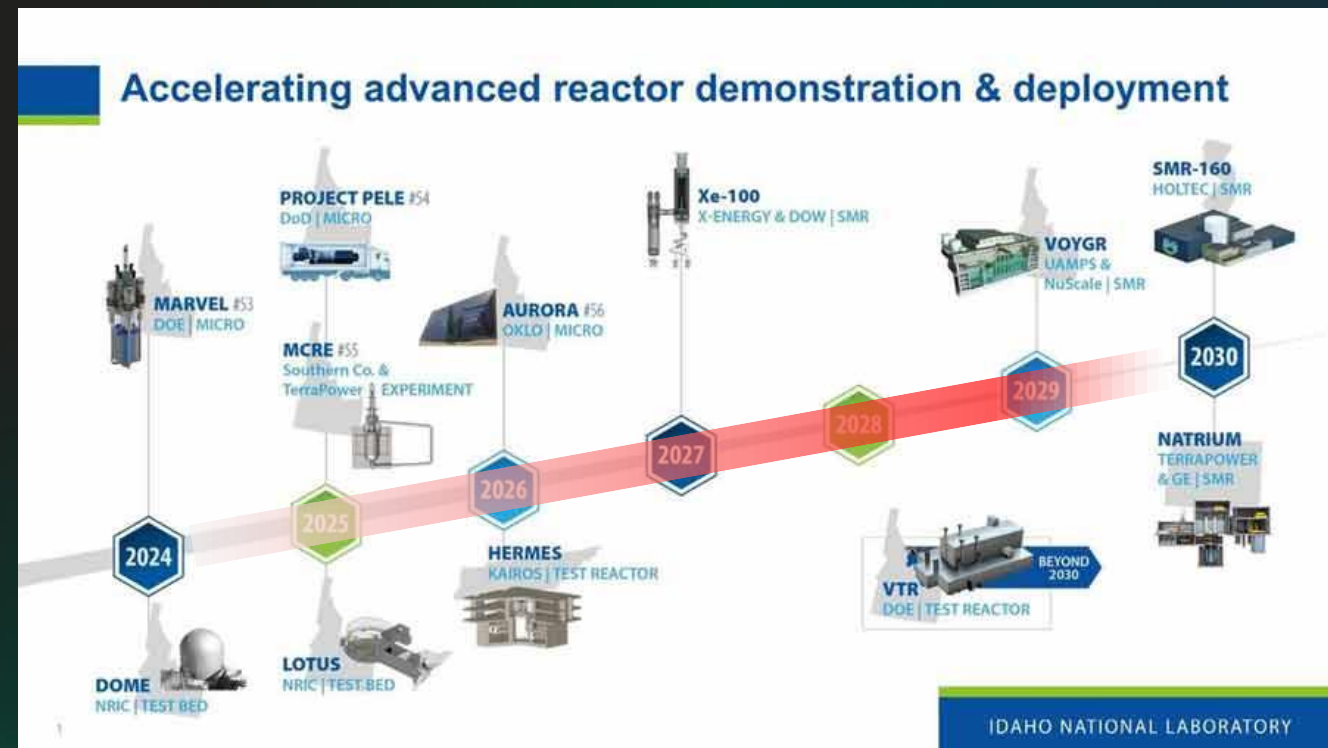
Leveraging decades of technological perfection, we offer long-term leases for microreactors—the most efficient, clean energy source that exists today. These microreactors stand as the epitome of modern progress, with as little energy waste as a mere fingertip's worth throughout its lifespan.



How to solve short-term and runaway issues while developing long-term solutions?

Incremental diagnosis first solution driven approach

All of the Above
- technologies
- fuel sources
- collaboration



Why now?

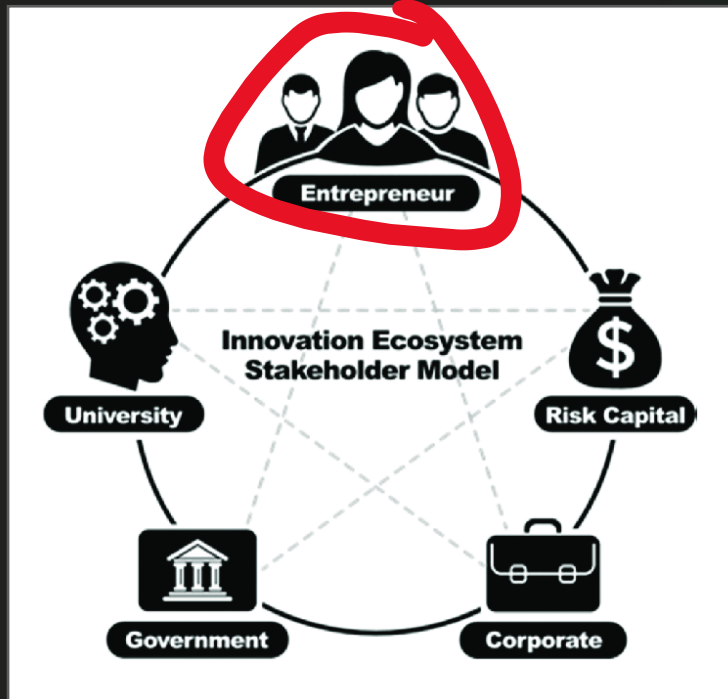
Energy prices volatility – messy transition and global markets instability

Low resiliency in supply – high uncertainty and increased fragility

Demand not being met – barriers for development

No time to waste. Starting now a more orderly transition.

- Repositioning and redirecting dependency on unreliable energy solutions
- Creating the enabling conditions for greater resiliency with low emissions
- Develop network of collaborators that are committed to incremental solutions
- Develop business models and systems that harvest the value of this approach



Evercore
Energy

Thank You

mpaesbarreto@evercore-energy.com | 307.689 1850

[evercore-energy.com](https://www.evercore-energy.com)

