

## KEVIN WEST, PhD FRSC

+ 44(0)7769937369 | [kevinrwest@gmail.com](mailto:kevinrwest@gmail.com) | [linkedin.com/in/kevinrichardwest/](https://www.linkedin.com/in/kevinrichardwest/) | Reading RG4, UK

### ENERGY TECHNOLOGY and INNOVATION LEADER

Experienced energy professional with strengths in technology, innovation and leadership across the energy value chains in upstream, downstream, and renewables. Roles have spanned strategy, project development, product launch and technology innovation. Excels in integrating technical expertise with strategic and commercial insights to seize opportunities and create new advantaged space in markets. A well-known and influential figure and recently elected by the Royal Society of Chemistry to be their President of the Environment, Sustainability and Energy community.

### KEY SKILLS

R&D Leadership | Innovation | Strategy | Organisational Design | Strategic Road-mapping | Investment Decision Making and Due Diligence | Energy Storage | Long Duration Energy Storage | Systems Integration | Sustainability and Energy Transition | Technology Piloting | Commercialisation | Product Launch | Intellectual Property and Patents | University and Industry Collaboration | Policy Influencing

### EMPLOYMENT HISTORY

#### HEAD OF TECHNOLOGY RESEARCH

2023 – Present

##### Advanced Energy Solutions (BP – Technology)

Leading BP's efforts to identify and scale energy storage and system integration solutions, including novel battery technologies, thermal and long duration energy storage.

- Built a new centralised team of experts in energy storage technology at bp
- Piloted LDES technology at demonstrator scale, proving technical and commercial feasibility
- Led technical due diligence to support VC and renewables investment decisions in energy storage
- Developed BP's R&D portfolio in energy storage and took overall accountability for its development

#### ADVISOR

2021 – 2023

##### Disruptive Technologies (BP - Technology)

Influencing across organisation boundaries to find new opportunities to apply emerging and disruptive technologies to grow value.

- Developed and implemented BP's technology strategy for Long Duration Energy Storage
- Part of the strategy team which founded energy storage capability in Technology
- Led the development of Castrol's OEM battery strategy
- Innovation and intellectual property lead with power of attorney for several BP legal entities

#### DIRECTOR

2019 – 2021

##### Upstream Centre for Applied Science, UCAS (BP - Upstream Technology)

Led UCAS, the global team of scientists and engineer developing new technology and providing technical support for the Upstream. Active member of the UT Leadership Team.

- Managed Upstream technical development programmes, resulting in significant operational gains e.g., delivered an 800% ROI US project increasing well productivity
- Led strategy review to pivot subsurface capability to low carbon opportunities e.g., CCUS and H2
- Organisational design architect for transformation following major strategy change

#### INNOVATION MANAGER

2016 – 2019

##### Castrol innoVentures (BP – Castrol Marketing and Technology)

Senior Level Leader role finding opportunities and developing new product offers outside of Castrol core.

- Developed and successfully launched Castrol's first EV (electric vehicle) battery coolant
- Developed wind turbine oil condition sensing offer in collaboration with Onyx InSight JV

**TEAM LEADER – Research and Innovation (BP – Downstream Technology) 2012 – 2016**

Led an international team of scientists to develop and commercialise additives and base fluids for BP.

- Developed and commercialised additives in key Castrol power brands: GTX, Magnatec and Edge
- Developed high performance fuel and lubricant formulations used in Formula 1 motorsport

**Earlier roles: Various SENIOR TECHNOLOGIST/TECHNOLOGIST (BP – Downstream Technology)**

Delivered technology for future fuel and lubricant products. Achievements include being the lead inventor for the unique anti-wear additive in Castrol Magnatec, resulting in a product relaunch and a series of patents and awards. Included a 9-month secondment to the India Technology centre in Mumbai in 2008.

**SELECTED ADDITIONAL PROFESSIONAL ROLES**

**CURRENT**

- **President Elect of the Royal Society of Chemistry Environment, Sustainability and Energy community** (four-year tenure, July 2025 – 2029)
- Chair the BP Royal Society of Chemistry board of fellows and BP RSC scheme director
- BP relationship holder with Long Duration Energy Storage Council
- BP-International Centre for Advanced Materials, Programme Management Board member
- Formal and informal mentor and supervisor to early career talent and numerous PhD students
- Primary technology intellectual property advisor with Power of Attorney for BP International Ltd, Lubricants UK Ltd and Castrol Ltd

**PREVIOUS**

- Member of the core organisational design and transformation team established to optimise and align BP's Applied Sciences organisation with new strategic aims (2020)
- University of Cambridge BP Institute relationship holder (2020-2021)
- University of Cambridge chemistry campus graduate recruitment team lead (2010-2013)

**EDUCATION**

**Ph. D Chemistry - The University of Cambridge**

**M.Chem (hons) Chemistry - The University of Edinburgh**

**PATENTS AND PUBLICATIONS (full list available on request)**

- Named inventor on 25 unique patent families (>100 total individual patents)
- Co-author of 16 peer reviewed scientific journal publications (>2,500 citations; h-index 14)

**AWARDS AND HONOURS**

- Formulated Products Technology Award, Significant Inventor category (2018)
- Formulated Products Technology Award - People's Choice category (2018)
- Downstream Technology Recognition Award, Significant Inventor category (2017)
- Formulated Products Technology Award, Significant Inventor category (2017)
- Refining and Marketing Inventor Award - Significant Invention Disclosure category (2012)
- Refining and Marketing Technical Service Award - Responsiveness category (2011)
- Tallow Chandlers early career Technologist Award (2010)

**PROFESSIONAL MEMBERSHIPS**

**Fellow of the Royal Society of Chemistry 2018**

**RSC Chartered Chemist 2013**

**PERSONAL INTERESTS**

Dad to three young children and sharing their interests. Regular participant in long distance cycling events.