All Party Parliamentary Group on Blockchain

Programme 2018-2019

The mission of the All-Party Parliamentary Group on Blockchain (APPG Blockchain) is to ensure that industry and society benefit from the full potential of blockchain and other distributed ledger technologies (DLT) making the UK a leader in Blockchain/DLT’s innovation and implementation.

We bring evidence, use cases and future policy scenarios while considering industry and societal implications as well as environmental opportunities.

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Get involved
Email: appg-blockchain@biginnovationcentre.com
In 2018, the APPG on Blockchain will be mainly focused on \textit{becoming familiar with Blockchain as a new foundation technology with transformative implications for business and the public sector}. Our approach in the first part of the year will be to invite industry stakeholders, entrepreneurs and thought leaders to express their \textit{experience, vision and view on particular Blockchain fields} - thus offering a framework for the next phase of work continuing into 2019.

The term ‘Blockchain’ is receiving growing attention from industry and technologists on issues ranging from its role as ‘a new internet’ to competition effects, crypto-currencies and contracts as well as supply chain management and fraud. The APPG on Blockchain group will gather evidence illustrating what Blockchain’s opportunities are for the economy, industry and society, and what its potential effects and challenges might be.

In 2019, the APPG on Blockchain will be concerned \textit{with building a roadmap to understand the practical steps} for both scaling the upsides and addressing the downsides of Blockchain. The group
will prioritise key use cases to explore and, through each Evidence Meeting, aims to generate pragmatic solutions (policy, regulation, industry practice and infrastructure development) with clearly defined steps for how success can be achieved.

Figure 2. Delivery map

<table>
<thead>
<tr>
<th>2018</th>
<th>HOW TO GET THERE?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2019</td>
</tr>
<tr>
<td>WHAT IS?</td>
<td>WHAT WILL BE?</td>
</tr>
<tr>
<td>6 Evidence</td>
<td>1 Think Piece: Blockchain Specifics</td>
</tr>
<tr>
<td>meetings</td>
<td></td>
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<tr>
<td>2 Dinners</td>
<td></td>
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<tr>
<td>4 Advisory</td>
<td>1 Vision ‘Agreement’</td>
</tr>
<tr>
<td>Board</td>
<td></td>
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<tr>
<td>meetings</td>
<td></td>
</tr>
<tr>
<td>1 Think</td>
<td>6 Evidence</td>
</tr>
<tr>
<td>Piece</td>
<td>meetings</td>
</tr>
<tr>
<td>Blockchain</td>
<td>2 Dinners</td>
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<tr>
<td>Specifics</td>
<td></td>
</tr>
<tr>
<td>4 Advisory</td>
<td>Policy</td>
</tr>
<tr>
<td>Board      meetings</td>
<td>landscape and use cases</td>
</tr>
<tr>
<td>8 Action Plans</td>
<td>1 Roadmap for implementation</td>
</tr>
</tbody>
</table>

The delivery map above shows the implementation of the 2018-2019 Programme step by step. We will start with 6 evidence meetings and 2 dinners on what Blockchain is and the vision of what the future with Blockchain should be: what does success look like? This will be followed by 9 evidence meetings and 2 dinners on sector challenges leading to a Roadmap on who to get there.

2. Governance and Permanent Advisory Board

Elected Officers:

Table 1: APPG Blockchain Officers

<table>
<thead>
<tr>
<th>Name</th>
<th>Role on APPG Blockchain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Damien Moore MP</td>
<td>Chair</td>
</tr>
<tr>
<td>Rosie Cooper MP</td>
<td>Secretary</td>
</tr>
<tr>
<td>Kemi Badenoch MP</td>
<td>Treasurer</td>
</tr>
<tr>
<td>Lord Holmes of Richmond, MBE</td>
<td>Vice Chair</td>
</tr>
<tr>
<td>Lord Bridges of Headley, MBE</td>
<td>Vice Chair</td>
</tr>
<tr>
<td>David Warburton MP</td>
<td>Vice Chair</td>
</tr>
<tr>
<td>Darren Jones MP</td>
<td>Vice Chair</td>
</tr>
<tr>
<td>Martin Docherty-Hughes MP</td>
<td>Vice Chair</td>
</tr>
</tbody>
</table>

Secretariat:

Big Innovation Centre | 8th floor Penthouse, 20 Victoria Street, London SW1H 0NF
Telephone +44 (0)20 3713 4036 | Mobile +44 (0)7944783648
Web www.appg-blockchain.org
Key person: Professor Birgitte Andersen, CEO
Advisory Board members:
Sponsors are permanent members.

Table 2: Permanent Advisory Board members

<table>
<thead>
<tr>
<th>Organization</th>
<th>Person</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accenture</td>
<td>Sarah Hazzledine, Managing Director</td>
</tr>
<tr>
<td>Accord Project</td>
<td>Peter Hunn, Co-director</td>
</tr>
<tr>
<td>Big Innovation Centre</td>
<td>Professor Birgitte Andersen, CEO</td>
</tr>
<tr>
<td>BSI</td>
<td>Dr. Scott Steedman, Director of Standards (SP), BSI Group</td>
</tr>
<tr>
<td>CMS, London</td>
<td>Charles Kerrigan, Partner, Banking &amp; International Finance Team</td>
</tr>
<tr>
<td>Fetch Blockchain</td>
<td>Carmen Benitez, CEO</td>
</tr>
<tr>
<td>Global Token Exchange (GTEX)</td>
<td>Hui Gong, Co-founder</td>
</tr>
<tr>
<td>Iota Foundation</td>
<td>Dr. Navin Ramachandran, Advisor</td>
</tr>
<tr>
<td>My Next Match</td>
<td>Oner Avara, CEO &amp; Founder</td>
</tr>
<tr>
<td>Oracle</td>
<td>Antony Welfare, Innovation Strategy Director</td>
</tr>
<tr>
<td>SAP</td>
<td>Dr. Jürgen Müller, Chief Innovation Officer</td>
</tr>
<tr>
<td>Seal Software</td>
<td>Mark Rollins, VP Product Management</td>
</tr>
<tr>
<td>China-UK Blockchain Association</td>
<td>Yuet Ning Chau, Co-founder</td>
</tr>
</tbody>
</table>

Each Advisory Board meeting will include 5 to 10 expert advisors and guests to cover specific areas of expertise and to ensure diversity. Please refer to Table 9 for a non-exhaustive list of who is included.

3. Evidence Meetings in Parliament

The Practical Steps for Addressing BLOCKCHAIN

During the first year the focus will be on general familiarity with the blockchain technologies, concepts and the economics as well as setting a vision for the future of blockchain (see Table 3). This phase will explore the cross-cutting issues and blockchain applicability across all sectors. While the focus is on a specific theme, the discussion will focus on how it applies to different sectors.

The second year will focus on ‘how we get there’. This includes the development of a Roadmap (see Table 4) for the implementation of blockchain technologies in key industries. This means developing pragmatic solutions within the framework that includes: policy, regulation, industry practice and infrastructure development, with clearly defined steps for how the vision can be achieved. All evidence meetings on industrial sectors affected by blockchain (see Table 5) needs to consider this framework. Some solutions will apply generally across all sectors and some will be context specific.

Additionally, in addition to industry, each evidence meeting will consider implications on people, society and environment affected by these changes and opportunities for addressing those (see Table 4: Blockchain and DTL specific aspects)
Tables 3 and 5 highlight the areas on which the Evidence Meetings will focus:

- Each meeting will invite 5 influential people from business, government organisations, regulation bodies, and academia.
- Their task will be to propose ways to address some of Blockchain’s complex issues, providing the group with suggested steps for how to get there and key stakeholders (organisations or people) to involve in the process.

Table 3: Evidence Meetings 1 to 5 (please be aware that locations might change throughout the year)

**BACKGROUND** (January 2018 – November 2018)

<table>
<thead>
<tr>
<th>BLOCKCHAIN TOPIC AREA</th>
<th>QUESTIONS FOR EVIDENCE</th>
<th>DATE</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Extraordinary General Meeting</strong></td>
<td>What are the objectives for the APPG Blockchain?</td>
<td>30 January 2018 (5.30 to 7.00)</td>
<td>Boothroyd Room, Portcullis House</td>
</tr>
<tr>
<td><strong>Evidence Meeting 1: DEFINITIONS</strong></td>
<td>What is blockchain as a technology and as a business tool? What are the different constituent technologies and technological processes of Blockchain? Which types of Blockchain are appropriate for what? What Blockchain typologies do we envisage?</td>
<td>6 March 2018 (5.30 to 7.00)</td>
<td>Thatcher Room, Portcullis House</td>
</tr>
<tr>
<td><strong>Evidence Meeting 2: SUPPLY CHAIN OPTIMISATION</strong></td>
<td>How does blockchain impact industries and supply chain management in the public and private sector? What is the development of blockchain database usage in industrial sectors?</td>
<td>15 May 2018 (5.30 to 7.00)</td>
<td>Boothroyd Room, Portcullis House</td>
</tr>
<tr>
<td><strong>Evidence Meeting 3: BUSINESS MODELS AND COMPETITIVENESS</strong></td>
<td>What are the blockchain business models and what are the new sources of corporate competitiveness in using blockchain technology? (Network effects, transaction cost efficiency, information control, increased speed, other?) What are the trade related aspects of blockchain that competition policy need to consider?</td>
<td>26 June 2018 (5.30 to 7.00)</td>
<td>Committee Room 16, House of Commons, Parliament</td>
</tr>
<tr>
<td>Evidence Meeting 4: IMPACT OF FRAUD</td>
<td>Is blockchain a way to end Cyber-fraud or does it facilitate it? What degree of transparency is needed to create trust? What are the regulatory issue we need to consider?</td>
<td>4 September 2018 (5.30 to 7.30)</td>
<td>Boothroyd Room, Portcullis House</td>
</tr>
<tr>
<td><strong>Evidence Meeting 5: IMPACT ON PEOPLE</strong></td>
<td>Blockchain will change our economy, but will it also change our lives and the world? What is the impact of blockchain on people and society? Does it change how we live our daily lives? Is blockchain only about business and intermediaries? Can blockchain blur public and industry divide and ensure peer-to-peer relations with no intermediaries, minimising costs, ensuring trust, and bringing a sense of ownership? What is a digital print of the society and what does it mean for the new generations?</td>
<td>16 October 2018 (5.30 to 7.00)</td>
<td>Boothroyd Room, Portcullis House</td>
</tr>
<tr>
<td>Evidence Meeting 6: SMART AND INTELLIGENT CONTRACTS</td>
<td>What is the future of contracts transactions? (Intelligent and smart contracts). What does it mean for financial, legal and commercial stakeholders? (people, shops, investors, banks, legal practice, insurance, others) How might blockchain revolutionise the legal industry, contract writing, other sectors using contracts and how IP is transacted?</td>
<td>20 November 2018 (5.30 to 7.00)</td>
<td>Boothroyd Room, Portcullis House</td>
</tr>
</tbody>
</table>
**INDUSTRY IMPLEMENTATION** (December 2018 – December 2019)

**Table 4: Roadmap development** (with components that each sector (see affected by blockchain needs to address in each meeting listed in Table 5)

<table>
<thead>
<tr>
<th>Industry practices and emerging new routines</th>
<th>Policy and regulation landscaping</th>
<th>Infrastructure development (physical and digital)</th>
<th>Blockchain and DLT specific aspects</th>
</tr>
</thead>
<tbody>
<tr>
<td>• What exemplar use cases are representative of how blockchain changes industry practices and routines.</td>
<td>• Which policies and regulations are affected by blockchain, and which should be updated or deleted? Should new ones be considered?</td>
<td>• What infrastructure investment is needed to make blockchain a success?</td>
<td>• How should Blockchain context-specific challenges be addressed (e.g. in relation to trust, data access and ownership, identity, information exchange norms): See note # below.</td>
</tr>
<tr>
<td>• What does good look like?</td>
<td>• What does good look like?</td>
<td>• What does good look like?</td>
<td>• What does good look like?</td>
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<tr>
<td>• <strong>ROAD MAP:</strong></td>
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<td>• <strong>ROAD MAP:</strong></td>
<td>• <strong>ROAD MAP:</strong></td>
</tr>
<tr>
<td>• Ideas for an implementation plan for new best practices?</td>
<td>• Ideas for a policy and regulation implementation plan?</td>
<td>• Ideas for an infrastructure development implementation plan (physical and digital)?</td>
<td>• Ideas for corporate governance and corporate social responsibility surrounding the impact of Blockchain.</td>
</tr>
</tbody>
</table>

**# Blockchain specific cross-cuttings:**
- How do we apply smart contracts, traceability and tracking, blockchain-enabled supply chain and open data exchange to specific sectors?
- How do we create trust?
- How do we ensure safety and address environmental and societal challenges?
- How to ensure Blockchain and DLT revolutionise how we are and think and do not become a new technology fit for old purpose?
### Table 5: Evidence Meetings 7 to 12 (please be aware that locations might change throughout the year)

**SECTORS (January 2018 - November 2019)**

<table>
<thead>
<tr>
<th>BLOCKCHAIN TOPIC AREA</th>
<th>QUESTIONS FOR EVIDENCE</th>
<th>DATE (PM)</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Evidence Meeting 7:</strong> FINANCE AND CRYPTOCURRENCIES</td>
<td><strong>Cryptocurrencies (45mins)</strong> What is the future of money, payment systems and financial transactions? (Bitcoin, other cryptocurrencies, ICO). What does it mean for financial stakeholders? (people, shops, investors, banks)</td>
<td>22 January 2019 (5.30 to 6.15)</td>
<td>TBC Portcullis House or Parliament</td>
</tr>
<tr>
<td><strong>Evidence Meeting 7:</strong> INSURANCE</td>
<td><strong>Insurance (45mins)</strong> How can Blockchain disrupt the foundation of insurance through peer to peer schemes? Can it allow risk to be shared without an intermediary? Can Blockchain disrupt the business of claims handling by allowing incidents to be recorded across distributed databases? Will it reduce the opportunity for fraud?</td>
<td>22 January 2019 (6.15 to 7.00)</td>
<td></td>
</tr>
<tr>
<td><strong>Evidence Meeting 8:</strong> HEALTH CARE</td>
<td><strong>Healthcare (45mins)</strong> How Can Blockchain Be Applied to Health Care? A new model for information exchange, data access and diagnostics’ safety? Can drug traceability be improved? Will transactions between manufacturers, wholesalers, doctors and patients be verified to tackle counterfeit drugs?</td>
<td>12 March 2019 (5.30 to 6.15)</td>
<td>TBC Portcullis House or Parliament</td>
</tr>
<tr>
<td><strong>Evidence Meeting 8:</strong> ENERGY AND ENVIRONMENT</td>
<td><strong>Energy and Environment (45mins)</strong> Bitcoin and other cryptocurrencies’ mining is very energy intensive. Is the</td>
<td>12 March 2019 (6.15 to 7.00)</td>
<td></td>
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<tr>
<td>Public sector and Public Administration (45mins)</td>
<td>14 May 2019 (5.30 to 6.15)</td>
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<td>-------------------------------------------------</td>
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<tr>
<td>Evidence Meeting 9: PUBLIC SECTOR AND PUBLIC ADMINISTRATION</td>
<td>TBC Portcullis House or Parliament</td>
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<tr>
<td>How can blockchain/DTL technology ease a burden of bureaucracy? Can it help fight corruption? What does it mean for control of public life? Blockchain technology was to ensure peer-to-peer transactions with no central entity, such as government or bank controlling the data. Does this mean less relevance of the public central agencies? How do we re-define a notion of public safety under such system?</td>
<td>14 May 2019 (6.15 to 7.00)</td>
<td></td>
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<tr>
<td>The Next Generation Services (45mins)</td>
<td>25 June 2019 (5.30 to 6.15)</td>
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<td></td>
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<tr>
<td>Evidence Meeting 9: THE NEXT GENERATION SERVICES (Professional services, consulting legal)</td>
<td>TBC Portcullis House or Parliament</td>
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<tr>
<td>With a rise of Gig Economy, can Blockchain provide a global live database of available workforce on demand? What is the economic environment we need for blockchain-enabled businesses to operate in (Share Economy)? What does the future of work and jobs look like?</td>
<td>25 June 2019 (6.15 to 7.00)</td>
<td></td>
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<tr>
<td>Education and Research (45mins)</td>
<td>25 June 2019 (5.30 to 6.15)</td>
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<tr>
<td>Evidence Meeting 10: EDUCATION AND RESEARCH</td>
<td>TBC Portcullis House or Parliament</td>
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<tr>
<td>How can blockchain develop global networks for learning?</td>
<td>25 June 2019 (6.15 to 7.00)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charities and NGOs (45mins)</td>
<td>25 June 2019 (5.30 to 6.15)</td>
<td></td>
<td></td>
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<tr>
<td>Evidence Meeting 10: CHARITIES AND NGOs</td>
<td>TBC Portcullis House or Parliament</td>
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<tr>
<td>How might Blockchain/DLT increase public trust and confidence in charities, promote legal compliance and improve management of the administration of charities. How might</td>
<td>25 June 2019 (6.15 to 7.00)</td>
<td></td>
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</tbody>
</table>
blockchain improve confidence in effective use of charitable resources and the actual impact achieved. How might blockchain help charities comply with regulations. How might Blockchain/DLT and the Internet of value support a more equitable distribution of wealth.

<table>
<thead>
<tr>
<th>Evidence Meeting 11: AGRICULTURE AND FOOD</th>
<th>Agriculture and Food (45mins)</th>
<th>10 September 2019 (5.30 to 6.15)</th>
<th>TBC Portcullis House or Parliament</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>The disconnect between the supplier and end-consumer is probably the widest across industries. Can blockchain capabilities improve sourcing information, produce treatability and fair payments?</td>
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<td></td>
</tr>
<tr>
<td>Evidence Meeting 11: MANUFACTURING (Manufacturing, FMCG, construction and pharma)</td>
<td>Manufacturing (45mins)</td>
<td>10 September 2019 (6.15 to 7.00)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Can blockchain possibilities drive the Internet of Things (IoT) in manufacturing? Would it ease the technical complexity of connecting, securing and overseeing a large number of devices? Can we move away from central cloud server to authenticate individual devices?</td>
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<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Evidence Meeting 12: LOGISTICS AND TRANSPORT</th>
<th>Logistics and Transport (45min)</th>
<th>5 November 2019 (5.30 to 6.15)</th>
<th>TBC Portcullis House or Parliament</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bitcoin and other cryptocurrencies' mining is very energy intensive. Is the environmental cost of the digital currency becoming too high?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Evidence Meeting 12: NATIONAL SECURITY AND DEFENCE</td>
<td>National Security and Defence (45mins)</td>
<td>5 November 2019 (6.15 to 7.00)</td>
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<tr>
<td></td>
<td>Will digital identity create transparency that will minimise crime? What does it mean for anonymity and freedom? Is cybersecurity aided by blockchain?</td>
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</tbody>
</table>
4. Receptions and Dinners

There will also be one Reception and two Blockchain Dinners in Parliament each year (2018, 2019). In 2018, the dinners will follow the first two Evidence Meetings and will focus on the ‘Big Picture’ and identifying the desired policy landscape. They will address the Blockchain specific aspects and complement the themes that set the scene. In 2019, the dinners will focus on what is needed in the last phase before implementation and thus complete the programme.

The reception is primarily a Blockchain celebration event with the Blockchain community, but it will be preceded by an Advisory Board discussion with an aim to agree on (non-binding and solely advisory) Blockchain Vision on what success look like towards which the Roadmap for industry implementation will be developed.

Table 6. Stakeholder Dinners

<table>
<thead>
<tr>
<th>TYPE</th>
<th>TOPIC</th>
<th>CHAIR</th>
<th>DATE (PM)</th>
<th>LOCATION</th>
</tr>
</thead>
</table>
| Blockchain Dinner 1: NEW INTERNET | **Is blockchain the new Internet?**  
Although blockchain technology was created to support digital currencies like bitcoin, are recent developments in blockchain now paving the way for a new type of Internet? | Damien Moore MP | 21 March 2018 (7.30 to 10.00) | Parliament |
| Blockchain Dinner 2: INDUSTRIAL WINNERS | **Is blockchain a new industry, and who are the winners in the new era?**  
Who are the key actors carrying the new Blockchain Revolution? Are the mining-companies putting together the blocks a new industry, or is it simply part of business models in existing sectors? Does blockchain create ‘winner take all’ industry formations with increased industrial concentration or are we approaching a more democratic world with more players than in the software and early Internet revolution?  
Business Insider: "Fla***y startups like Coinbase, Circle, Blockchain, and BitPay are some of the most famous companies in bitcoin. But arguably more important are the miners — individuals and organisations who form the core..." | Damien Moore MP | 4 June 2018 (7.30 to 10.00) | Parliament |
backbone of bitcoin, ensuring the
digital currency's integrity.” Discuss.

| Blockchain Dinner 3: GLOBAL TRADE | What are the trade related aspects of blockchain UK needs to consider, and how are other governments and the global corporates responding? Can blockchain tech foster international collaboration? Can DLT solutions reduce cross boarder friction in data or asset exchange between governments or private corporations? What DLT solutions have other governments employed? | Damien Moore MP | 18 February 2019 (7 to 10pm) TBC | Parliament |
| Blockchain Dinner 4: INFRASTRUCTURE | What infrastructure is needed for blockchain to succeed and who shall pay? (public or private sector) | Damien Moore MP | 15 October 2019 (7 to 10pm) | Parliament |

Table 7. Summer Receptions

| Summer Reception 2018 | 16 July 2018 (6 to 9pm) | Atlee Suite, Portcullis House |
| Summer Reception 2019 | 1 July 2019 (7 to 10pm) | Parliament Terrace |

5. Advisory Board Meetings

There will be quarterly advisory board meetings to co-set strategy on topics and feedback on the output of activities:

Table 8: Advisory Board meetings (all held in Portcullis House or Parliament)

<table>
<thead>
<tr>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Before meeting 1 – 6 March</td>
<td>• Before meeting 8 – 12 March</td>
</tr>
<tr>
<td>• Before Summer Reception – 16 July</td>
<td>• Before Summer Reception – 1 July</td>
</tr>
<tr>
<td>• Before meeting 5 – 16 October</td>
<td>• Before meeting 11 – 10 September</td>
</tr>
<tr>
<td>• Before meeting 6 – 20 November</td>
<td>• Before meeting 12 – 5 November</td>
</tr>
</tbody>
</table>
### 6. Expert Advisors and Guests

Table 9: CONFIRMED Ad-hoc Advisory Board Guests (list not exhaustive)

#### Parliamentarians:
- **Viscount Matt Ridley**
- **Chris Evans – MP** – asked a PQ on steps the Chancellor is taking to regulate Bitcoin and other crypto-currencies
- **Lord Holmes of Richmond MBE** – publicly called on the government to explore various applications of blockchain
- **Lord Howell of Guildford**
- **Lord Vaux of Harrowden**
- **The Earl of Lindsay**
- **John Howell MP**
- **Ed Vaizey MP**
- **Martin Docherty- Hughes MP**
- **Damien Moore MP**
- **Lee Rowley MP**
- **Ana Baric**
- **Lorna Christie**
- **Lee Rowley MP**
- **Lord Bridges of Headley, MBE**
- **David Warburton MP**
- **Darren Jones MP**
- **Daniel Zeichner MP**
- **Stephen Timms MP**
- **Kirsty Blackman MP**

#### Chief Scientific Advisors:
- **Professor Ian Boyd** – Department for Environment, Food and Rural Affairs
- **Stephen Aldridge CB**
- **Professor Robin Grimes** – Foreign & Commonwealth Office
- **Dr Mike Short CBE** – Department for International Trade

#### Economic Affairs Committee – House of Lords Enquiry (19th July 2016):
- **Mr Simon Taylor** – Co-Founder / Director of Blockchain, 11: FS
- **Gavin Wells** – Digital Assets
- **Blythe Masters, CEO** – Digital Assets

#### Think Tanks, Institutes and Centres:
- **Cecile Baird** – Founding Partner, Blockchain for Good (BC4G)
- **Olinga Ta’eed** – The Centre for Citizenship, Enterprise and Governance (CCEG)
- **Ed Dowding** – CEO, Represent
- **Dr John Baird** – EPSRC
- **Mihir Magudia** – Managing Director, Digital Currency Foundation
- **Patrick Curry** – CEO, BBFA Ltd
- **Mike Halsall**
- **Jeremy Wilson** – Chair, White Chapel Think Tank
- **John Reynolds** – CEO, Blockchain Digital
- **Erik Van Den Kleij** – C4DR (Centre for Digital Revolution)

#### Authors:
• Robert Herian – wrote for The Conversation re. smart contract
• Chris Skinner – author of Digital Bank, Value Web, Digital Human, author of a blog: The Finanser

Experts:
• Lawrence Lessig – Harvard University
• Richard Brown – CTO, R3
• Gwenllian Jones – Mattereum
• Lawrence Lundy – Outlier Ventures
• Adi Ben-Ari – CEO and Co-founder of Applied Blockchain
• Thomas Power – Non-Executive Director, 9Spokes
• Dr Navin Ramanchandran – IOTA Foundation
• Malcolm Dowden – Legal Director, Womble Bond Dickinson (UK) LLP
• Gus Macfarlane – MD Innovation Business Performance, Barclays
• John Ferris –Strategy Director, Electron
• Joanna Hubbard, Co-founder and COO, Electron
• Daniel Doll-Steinberg – Co-founder, Blockchain Smokers
• Genevieve Leveille – Founder & Vice-Chair. 0TenTic8 & techUK’s DLT Group
• Jason Wu – Managing Partner of Interbridge Capital, Vice president of China-Europe Innovation Centre
• James Zhou – Investment Analyst, Interbridge Capital
• Dr Yifan Chen – Lecturer in Finance, Norwich Business School, University of East Anglia
• Shahad Choudhury – Head of Innovation, UK Export Finance
• Sally Holdway – Director, Teal Legal
• David Gingell – CMO, Seal Software
• Mark Rollins – VP Product Management, Seal Software
• Ruth Milligan – Head of Financial Services and Payments, techUK
• Malcolm Palle – Chairman, Coinsilium (on behalf of Eddy Travia, CEO)
• Alasdair Blackwell – CTO, Bite the Ballot, previously Head of Technology at Everledger and Co-founder of Decoded
• Richard Tromans – Founder, Artificial Lawyers and Tromans Consulting
• Dr Chris Sier – Director of FiNexus
• Terry Igharoro- Founder and CEO, InventoryClub
• Malcolm Dowden – WBD-UK
• Alexander Trewby – Google, UK
• Karim Derrick- Head of Research and Development, Kennedys
• Prof. Houman Shadab- leading academic on bitcoin and blockchain; gave the original testimony to
CTFC and DTCC in US Congress
• Dan Selman – former IBM Blockchain expert
• Phil Brown- COO, DISC Holdings

Interested:
• Tom Walker – ex-etherium miner and wants to see this being debated in Parliament
• Elyas Coutts
• Marloes Nicholls – Finance Innovation Lab
7. Communications, Social Media and Press

From the Evidence Meetings, the output will include: 1 “Think Piece” (first part of the Evidence Meetings 1-5), 7 “Theme Reports” (second part of the Evidence Meetings 6-14), 14 detailed “Minutes” and summaries (Evidence Meetings 1-14).

There is a website - www.appg-blockchain.org – which features all Theme Reports, summary of meeting output, general information of the APPG including names of APPG Blockchain Officers, sponsors, advisory group and so forth. A time table of all Evidence meetings is also available online.

A communications programme will position and promote the APPG Blockchain. This would include ‘soft’ launches of the digital copies on the APPG Blockchain website, supported by Big Innovation Centre communications, all of which the Parliament and sponsors would be able to syndicate for their own communication purposes.

The combined bulk of Think Piece and Theme Reports (or groups of them) would be accompanied with a national press release and focused follow-up with relevant press contacts to highlight the report's findings (with supporting commentary from Parliament and sponsors). This could include publications such as The Economist, Wired, The Times, etc.

The APPG BLOCKCHAIN Secretariat (Big Innovation Centre) would also complement each Theme Report with thought leadership pieces describing the key findings in each stage. This would, as far as possible, take the form of blog pieces on BIC’s website, Opinion pieces in key press, such as CityAM, or rolling blog slots on the Tech section of the Huffington Post. The pieces would be from a number of ‘talking heads’ including Parliamentarians, sponsors, Big Innovation Centre or other contributors.

Furthermore, key milestones findings will be presented and discussed at the Political Party Conferences: Each year Big Innovation Centre hosts fringe events at Conservatives and Labour conference.

MAIN LAUNCH:

At the culmination of the two-year programme there will be a findings Launch Event at a major London venue (such as the Houses of Parliament). At this event Blockchain stakeholders are invited to a co-creation panel to talk about the findings in the Think Piece and Theme Reports and what the Blockchain implementation means to them. The panel will also showcase how the Roadmap helps to deliver the APPG AI vision and will include representatives from industry, academia, and thought leaders in the space. The sponsors will be invited to join the panel. A Parliamentarian (e.g. APPG Blockchain Chair) would open the session. The event would target journalists to get the maximum media coverage possible from the launch event and would include a Q&A session with the panel.

A formal launch as outlined above would boost the credibility and impact of the APPG on Blockchain, position participants as thought-leader in this space, and build valuable press and stakeholder networks for everyone involved. On request, Big Innovation Centre will be happy to provide examples from the past, of successful launches with commercial partners and for government.
8. Time Table Summary

2018

- Inaugural Meeting: 30 Jan
- Advisory Board 1: 6 Mar
- Evidence Meeting 1: 15 Mar
- Blockchain Dinner 1: 21 Mar
- Advisory Board 2: 4 June
- Evidence Meeting 2: 16 June
- Blockchain Dinner 2: 26 June
- Advisory Board 3: 16 Jul
- Evidence Meeting 3: 17 Jul
- Summer Reception: 4 Aug
- Evidence Meeting 4: 16 Aug
- Advisory Board 4: 4 Sep
- Evidence Meeting 5: 16 Sep
- Advisory Board 5: 16 Oct
- Evidence Meeting 6: 20 Nov
- APPG Joint Dinner: 11 Dec
### Table 10: Time Table Summary for 2018 - 2019 (dates and/or venue may change)

<table>
<thead>
<tr>
<th>Date</th>
<th>Time (PM)</th>
<th>What meeting</th>
<th>Type</th>
<th>Venue</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 January</td>
<td>3:30 to 5:00</td>
<td>Kick-off</td>
<td>Inaugural meeting</td>
<td>Boothroyd Room, Portcullis House</td>
</tr>
<tr>
<td>6 March</td>
<td>4:45 to 5:30</td>
<td>Advisory Board Meeting 1</td>
<td>Advisory Board Meeting</td>
<td>Thatcher Room, Portcullis House</td>
</tr>
<tr>
<td>6 March</td>
<td>5:30 to 7:00</td>
<td>Evidence Meeting 1: DEFINITIONS</td>
<td>Evidence Meeting</td>
<td>Thatcher Room, Portcullis House</td>
</tr>
<tr>
<td>21 March</td>
<td>7:30 to 10:00</td>
<td>Blockchain Dinner 1: Is blockchain the new Internet?</td>
<td>Blockchain Dinner</td>
<td>Parliament</td>
</tr>
<tr>
<td>15 May</td>
<td>5:30 to 7:00</td>
<td>Evidence Meeting 2: SUPPLY CHAIN OPTIMIZATION</td>
<td>Evidence Meeting</td>
<td>Boothroyd Room, Portcullis House</td>
</tr>
<tr>
<td>4 June</td>
<td>7:30 to 10:00</td>
<td>Blockchain Dinner 2: Is blockchain a new industry, and who are the winners in the new era?</td>
<td>Blockchain Dinner</td>
<td>Parliament</td>
</tr>
<tr>
<td>26 June</td>
<td>5:30 to 7:00</td>
<td>Evidence Meeting 3: BUSINESS MODELS AND COMPETITIVENESS</td>
<td>Evidence Meeting</td>
<td>Committee Room 16, House of Commons</td>
</tr>
<tr>
<td>16 July</td>
<td>5:00 to 6:00</td>
<td>Advisory Board Meeting 2</td>
<td>Advisory Board Meeting</td>
<td>Room M, Portcullis House</td>
</tr>
<tr>
<td>16 July</td>
<td>6:00 to 9:00</td>
<td>Summer Reception</td>
<td>Reception</td>
<td>Atlee Suite, Portcullis House</td>
</tr>
<tr>
<td>4 September</td>
<td>6:00 to 7:30</td>
<td>Evidence Meeting 4: IMPACT OF FRAUD</td>
<td>Evidence Meeting</td>
<td>Portcullis House or Parliament</td>
</tr>
<tr>
<td>16 October</td>
<td>4:30 to 5:30</td>
<td>Advisory Board Meeting 3</td>
<td>Advisory Board Meeting</td>
<td>TBC, Portcullis House</td>
</tr>
<tr>
<td>16 October</td>
<td>5:30 to 7:00</td>
<td>Evidence Meeting 5: IMPACT ON PEOPLE</td>
<td>Evidence Meeting</td>
<td>Boothroyd Room, Portcullis House</td>
</tr>
<tr>
<td>20 November</td>
<td>4:30 to 5:30</td>
<td>Advisory Board Meeting 4</td>
<td>Advisory Board Meeting</td>
<td>TBC, Portcullis House</td>
</tr>
<tr>
<td>20 November</td>
<td>5:30 to 7:00</td>
<td>Evidence Meeting 6: SMART AND INTELLIGENT CONTRACT</td>
<td>Evidence Meeting</td>
<td>Boothroyd Room, Portcullis House</td>
</tr>
<tr>
<td>11 December</td>
<td>7:00 to 10:00</td>
<td>Future of AI &amp; Blockchain Dinner</td>
<td>Dinner</td>
<td>TBC, Parliament</td>
</tr>
<tr>
<td>Date</td>
<td>Time</td>
<td>Event</td>
<td>Location</td>
<td></td>
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<tr>
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<td></td>
</tr>
<tr>
<td>22 January</td>
<td>5:30 to 7:00</td>
<td>Evidence Meeting 7: FINANCE AND CRYPTOCURRENCIES/INSURANCE</td>
<td>Evidence Meeting TBC Portcullis House or Parliament</td>
<td></td>
</tr>
<tr>
<td>18 February (tbc)</td>
<td>7:00 to 10:00</td>
<td>Blockchain Dinner 3: What are the trade-related aspects of blockchain the UK needs to consider, and how are other governments and the global corporates responding?</td>
<td>Blockchain Dinner Parliament</td>
<td></td>
</tr>
<tr>
<td>12 March</td>
<td>4:30 to 4:45</td>
<td>Annual General Meeting (AGM)</td>
<td>AGM TBC Portcullis House or Parliament</td>
<td></td>
</tr>
<tr>
<td>12 March</td>
<td>4:45 to 5:30</td>
<td>Advisory Board Meeting 5</td>
<td>Advisory Board Meeting TBC Portcullis House or Parliament</td>
<td></td>
</tr>
<tr>
<td>12 March</td>
<td>5:30 to 7:00</td>
<td>Evidence Meeting 8: HEALTHCARE/ENERGY AND ENVIRONMENT</td>
<td>Evidence Meeting TBC Portcullis House or Parliament</td>
<td></td>
</tr>
<tr>
<td>1 May</td>
<td>6:00 to 10:00</td>
<td>Big Innovation Centre Spring Party</td>
<td>Reception TBC</td>
<td></td>
</tr>
<tr>
<td>14 May</td>
<td>5:30 to 7:00</td>
<td>Evidence Meeting 9: PUBLIC SECTOR AND PUBLIC ADMINISTRATION/THE NEXT GENERATION SERVICES</td>
<td>Evidence Meeting TBC Portcullis House or Parliament</td>
<td></td>
</tr>
<tr>
<td>25 June</td>
<td>5:30 to 7:00</td>
<td>Evidence Meeting 10: EDUCATION AND RESEARCH/CHARITIES AND NGOs</td>
<td>Evidence Meeting TBC Portcullis House or Parliament</td>
<td></td>
</tr>
<tr>
<td>1 July</td>
<td>6:00 to 7:00</td>
<td>Advisory Board Meeting 6</td>
<td>Advisory Board Meeting TBC Portcullis House or Parliament</td>
<td></td>
</tr>
<tr>
<td>1 July</td>
<td>7:00 to 10:00</td>
<td>Summer Reception</td>
<td>Reception Parliament Terrace</td>
<td></td>
</tr>
<tr>
<td>10 September</td>
<td>4:30 to 5:30</td>
<td>Advisory Board Meeting 7</td>
<td>Advisory Board Meeting TBC Portcullis House or Parliament</td>
<td></td>
</tr>
<tr>
<td>10 September</td>
<td>5:30 to 7:00</td>
<td>Evidence Meeting 11: AGRICULTURE AND FOOD/ MANUFACTURING</td>
<td>Evidence Meeting TBC Portcullis House or Parliament</td>
<td></td>
</tr>
<tr>
<td>15 October</td>
<td>7:00 to 10:00</td>
<td>Blockchain Dinner 4: What infrastructure/resources are needed for blockchain to succeed and who shall pay?</td>
<td>Blockchain Dinner Parliament</td>
<td></td>
</tr>
<tr>
<td>5 November</td>
<td>4:30 to 5:30</td>
<td>Advisory Board Meeting 8</td>
<td>Advisory Board Meeting TBC Portcullis House or Parliament</td>
<td></td>
</tr>
<tr>
<td>5 November</td>
<td>5:30 to 7:00</td>
<td>Evidence Meeting 12: LOGISTICS AND TRANSPORT/: NATIONAL SECURITY AND DEFENCE</td>
<td>Evidence Meeting TBC Portcullis House or Parliament</td>
<td></td>
</tr>
<tr>
<td>3 December</td>
<td>6:00 to 7:30</td>
<td>POLICY ROADMAP: MAIN LAUNCH</td>
<td>Launch TBC</td>
<td></td>
</tr>
</tbody>
</table>
9. Sponsorship

General APPG Blockchain sponsorship 2018-2019:

APPGs are not paid by the tax payers but can only exist due to sponsorship. The more sponsorship, the more can be achieved.

We are currently seeking general APPG BLOCKCHAIN sponsorship for 2018-19.

Sponsorship for the APPG Blockchain is obtained for a two-year period always, to allow for long term planning which is vital for evidence-based policy making. Sponsorship is used to pay for (in no particular order):

- general administration
- project management and events,
- organization of formal evidence meetings in Parliament committee rooms,
- organization of topic dinners and receptions with industry and stakeholders in Parliament, including catering,
- minutes-taking from evidence meetings,
- evidence reports writing,
- design of web pages and content updating,
- social media and communications,
- engaging MPs,
- reporting to parliament,
- engaging stakeholders,
- research as applicable.

As sponsor, organizations can

- give evidence in Parliament
- be on the APPG Blockchain Advisory Board
- be invited to all APPG Blockchain meetings
- participate in at least one topic dinner in Parliament
- be consulted for an interview regarding our Policy area evidence work
- feature their logo on all APPG Blockchain publications and the APPG Blockchain webpage.

All cash sponsorships will be reported in Parliament.