

# The future of internal audit; preparing for tomorrow



The Institute of  
**Internal Auditors**

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Whitesands Mombasa

# The future of internal audit

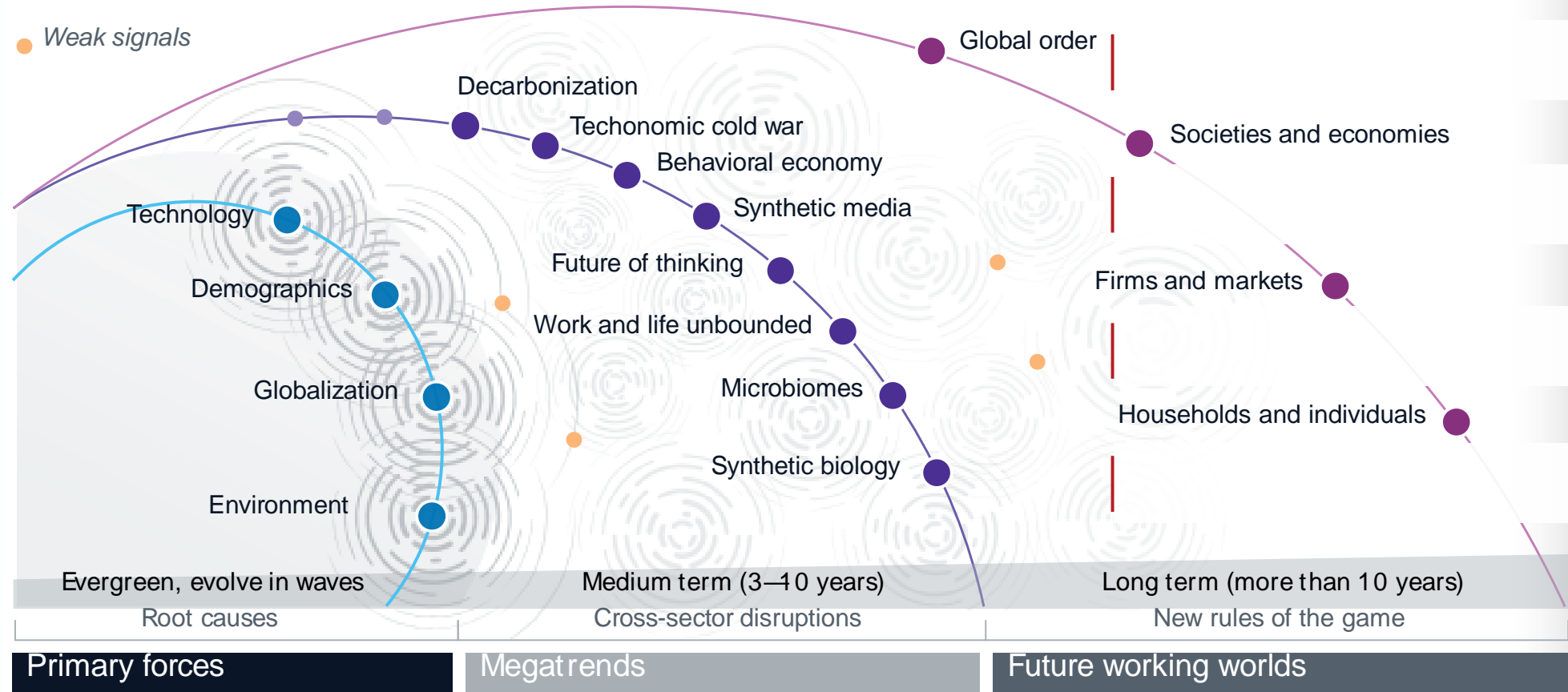


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# Predicting the future

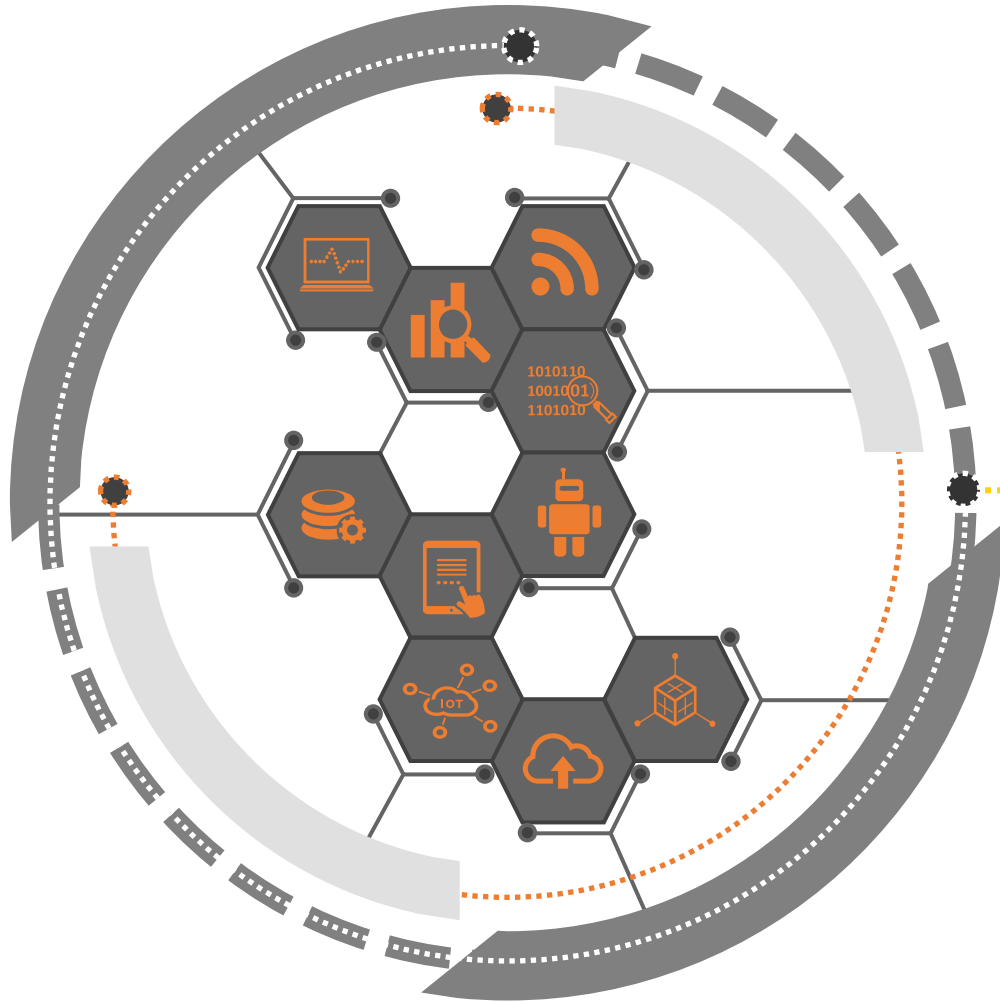
Using EY Megatrends framework to unpack the future



## The three forces

- Primary forces
- Mega trends
- Future working worlds

2 | In the 4<sup>th</sup> industrial revolution the following factors need to be considered as they are all affecting the Internal audit function



Intelligent automation  
(RPA, machine learning and artificial intelligence (AI))

Next generation of enterprise resource planning (ERPs)

Internet of Things (IoT)

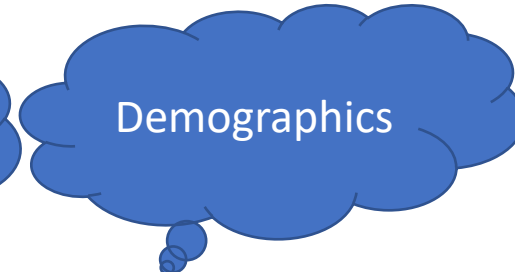
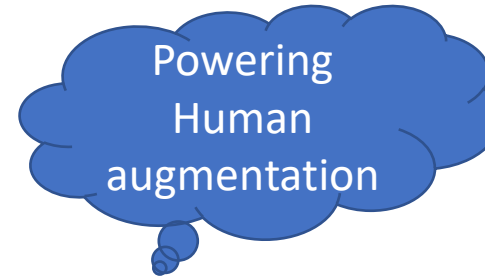
Digital processes and cybersecurity

Big data and advanced analytics

Blockchain and distributed ledger

Cloud and software as-a-service (SaaS)

## 2 | How will business change



- Climate risk
- Decarbonisation

- Sanctions
- Cyber security
- The East/west great tech divide
- Supply chain

- Big Data
- Cyber security
- Productivity

- 5G
- Edge computing
- Precision sensors
- Nextgen batteries
- Quantum computing

- Gen-Z rising
- Behavioural economics

Scientist

cybersecurity

Data scientists

AI, Machine learning

Behavioural economists

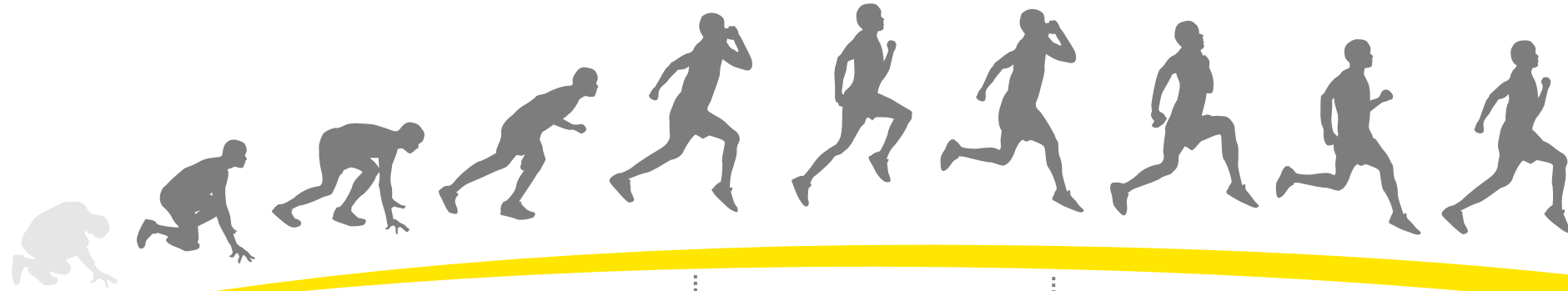
The future internal audit function will need completely new skills

## Polling Questions

1. *What skills do you currently have in your team?*
2. *What skills will you need to build the future internal audit function*
3. *How will the role of internal audit change in the future*



## Moving from now to the future

**Step 1**

Define your vision

**Step 2**Identify your  
current  
capabilities**Step 3**Identify the  
gap between  
your current  
capabilities  
and target  
capabilities for  
Internal audit**Step 4**Identify the  
right enablers**Step 5**Select your  
priorities and  
create your  
roadmap**Prepare for change**Create business case and  
mobilize appropriate  
resources

Embed a learning culture to build new skills in your existing teams



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