

Executive Innovation Insight

A selection of the emerging technologies continuously monitored by DeltaHedron

Emerging technologies	Applications	Industries
3D Printing and scanning Artificial Intelligence (AI) and Machine Learning Artificial Reality (AR), Virtual Reality (VR) Automotive Autonomous, flying Electric, petrol, diesel, hydrogen Basic sciences Astronomy, biology, chemistry, physics mathematics, statistics, geology Biotechnology Blockchain Cryptocurrencies Bots Chatbots Robots and automation Biometrics, voice/facial recognition Computers and computing Quantum computing High Performance Computing Memory storage Data Big data, analytics, business intelligence Cybersecurity, data protection Data science Digital and ICT Mobile, cloud, wireless, wifi Software, SaaS, APIs Broadband, wifi, 5G, VOIP Drones Electronics and photonics Antennas, radar Energy Batteries, storage, renewables Fossil fuels, oil and gas, nuclear, hydro Imaging Holograms, photography, video Internet of Things (IoT) Industrial Sensors, RFID, LiDAR, LoRa Materials Building, chemicals, bio, graphene, nano Metals and metallurgy, plastics Wearables	Asset management Protection, tracking Anti-poaching Cities and communities Real estate Smart cities Smart factory Smart home, office Customer experience Consumers, UX Digital identity, e-privacy Data protection, GDPR Environment Carbon emissions Climate change Water, marine, oceans Fraud prevention Anti-counterfeiting Games, toys Geolocation, mapping Navigation, GPS Health Dental Digital health Diseases/medical conditions Health and safety Hospitals, homecare Mental health, psychology Pharma, medicine ICT Data centres Enterprise systems Internet, online, web Phones, tablets, apps Management/governance Search Engine Optimisation Software development Telecommunications Legal, IP, patenting Maintenance Marketing, branding Packaging Workflow X-as-a-Service (XaaS)	Aerospace Agriculture, food, Agritech Animals, plants, fisheries Arts and culture Chemical, biochemical Construction, housing Constructechs Defence Education Edtech Higher education Corporate learning Energy Entertainment Music, video Fashion, textiles Financial, banking, investment e-Payments Fintechs, Insurtechs Insurance, actuarial Health, pharmaceutical ICT Logistics, procurement Manufacturing Maritime, marine, oceans Shipping, ports Media, journalism, publishing Social media Mining Philanthropy, CSR Professions Accounting, Auditing Engineering, Health, Legal Public sector Digital government Retail Security and policing Service industries Sport, exercise, leisure Telecommunications Tourism, travel, hospitality Transport, infrastructure Air travel and airports Public transport, rail, road

Business impact and cross-cutting themes

Trends and future thinking Digital transformation Disruption Dynamics of technological change Societies and communities Generational impact World of work and employment Freelance, gig economy HR management, recruitment	Risk management Innovation management Business models/platforms Corporate culture Incubators/accelerators Science and techno parks R&D, technology transfer Ventures, startups and entrepreneurship	Leadership and management Change management Decision-making/support Ethics and values National and regional interest Competitiveness Economic impact Fourth Industrial Revolution Innovation systems/policy
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