# Innovation & HackDay2022 @ Microfocus

Innovation, Disruption and more ...

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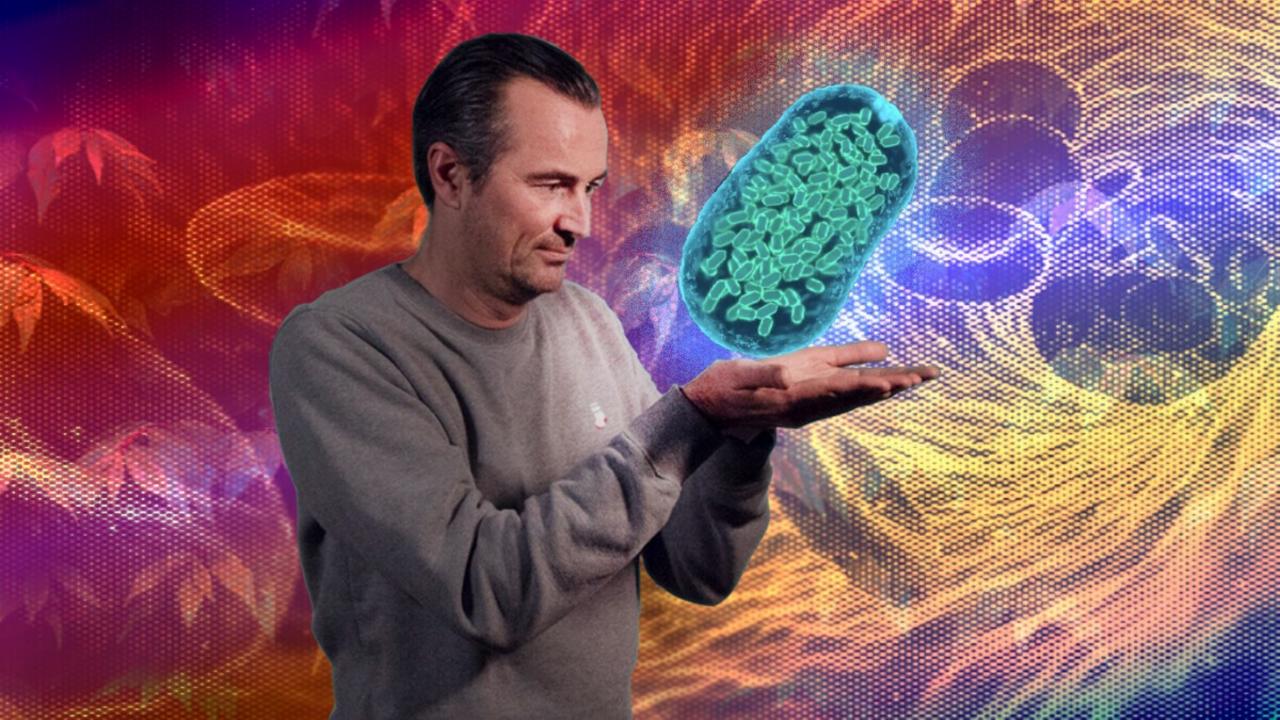
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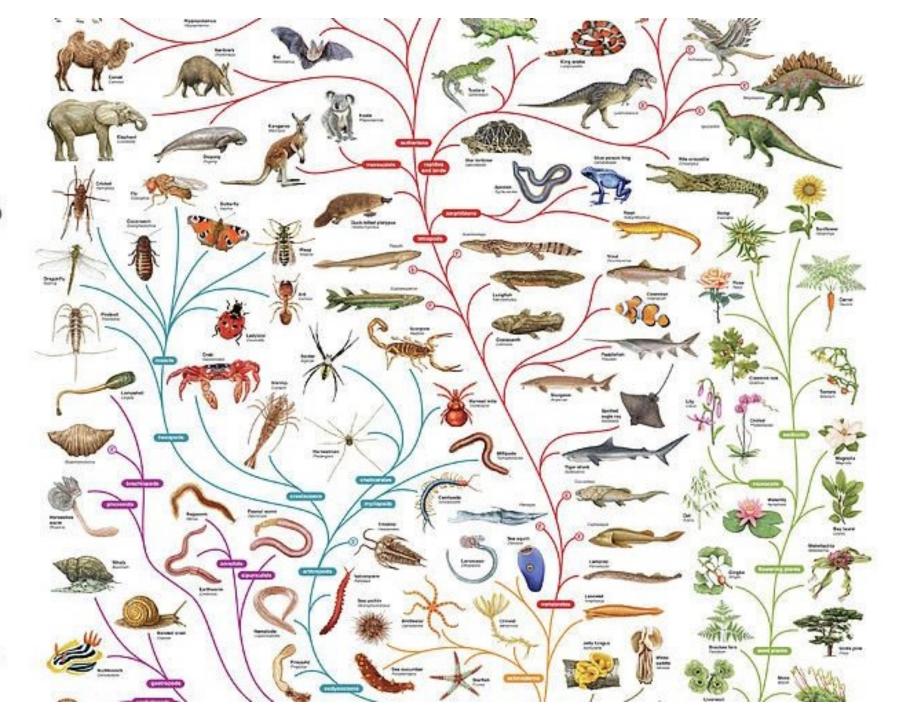




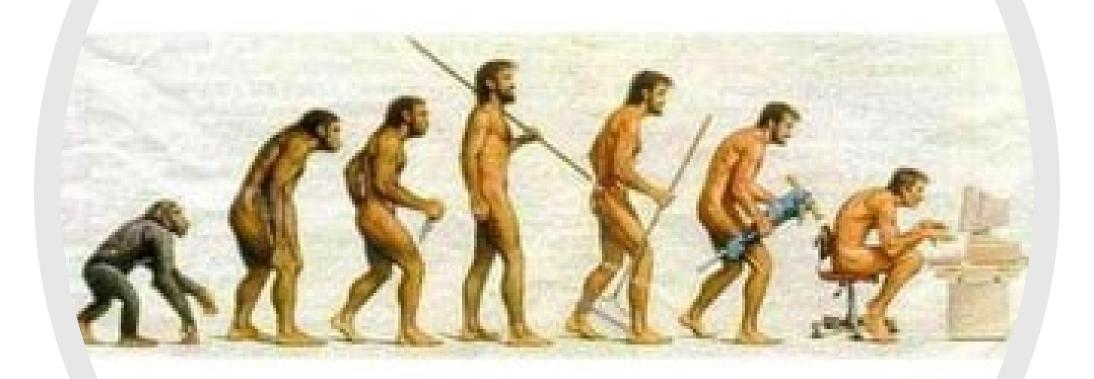
ıarles Darwin

809 - 1882

Darwin published his theory of evolution with compelling evidence in his 1850 book On the Origin of Species. By the 1870s, the scientific community and a majority of the educated public had accepted evolution as a fact. However, many



# **Evolution**



Innovation





# **REINVENTING AND ADAPTING**



# Good enough is never good enough.

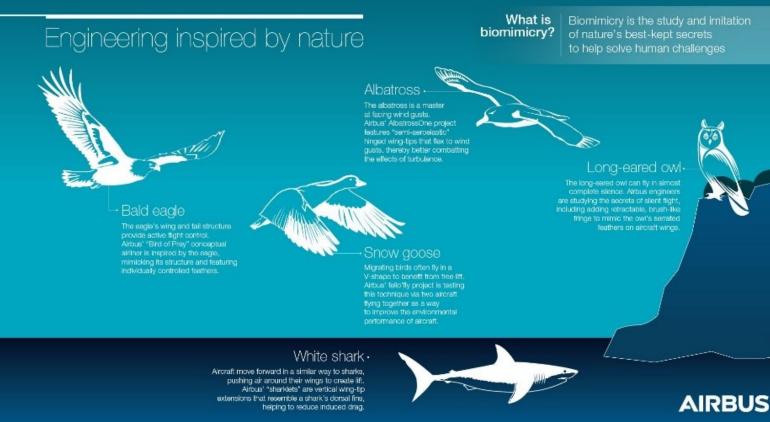
Alfred Bertram Guthrie

" quotefancy





# Adapt Existing Technology: Drag Reducing Sharklet and Raked Wingtips, Noise Reducing Chevron Nozzles, all learnt from birds



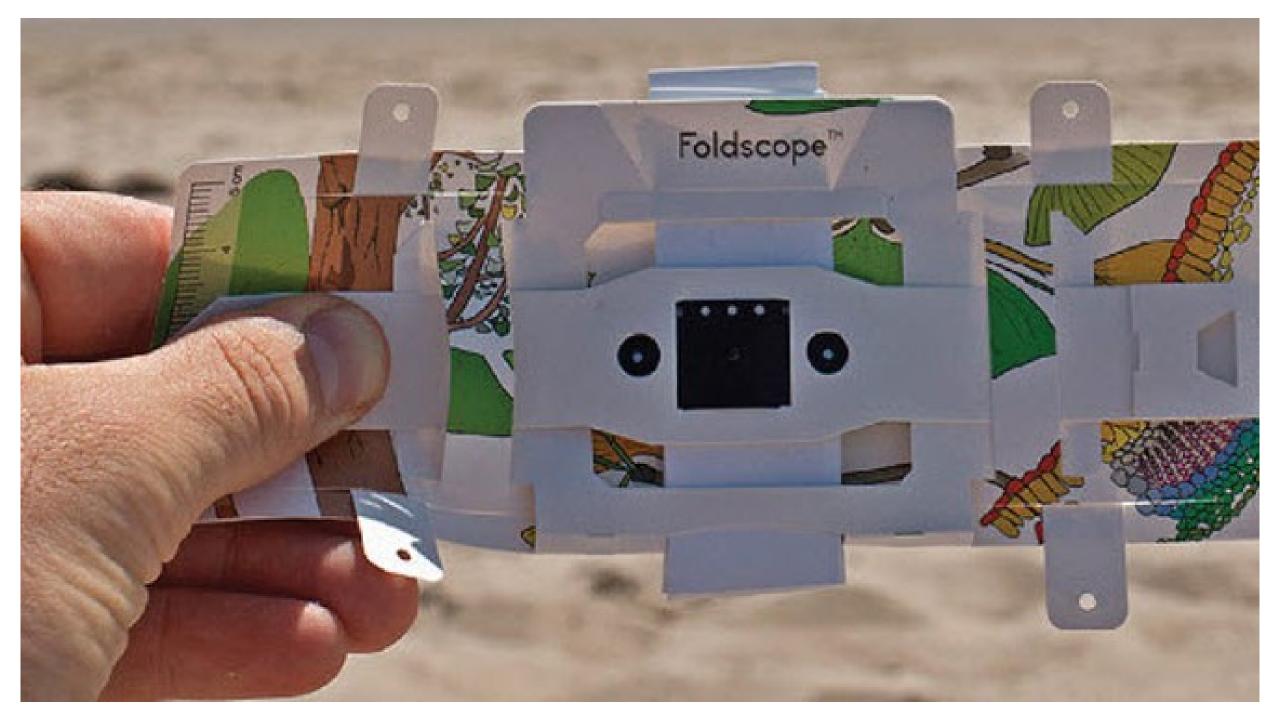


Devise New Technology: Composite Microstructures for Variable Geometry, Electroactive Polymers for bird-like flight control

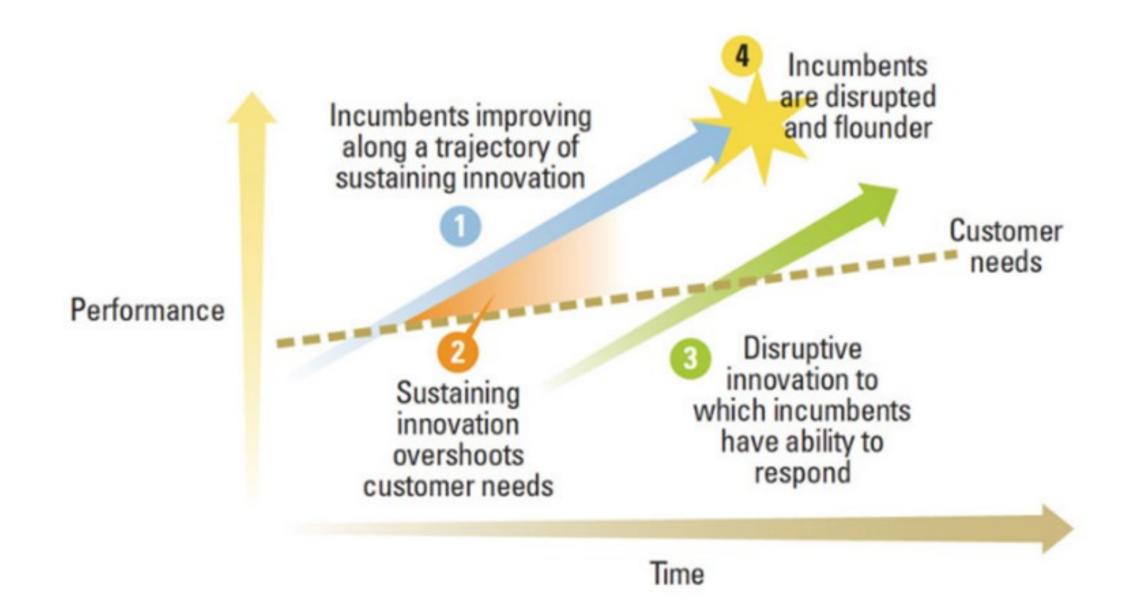






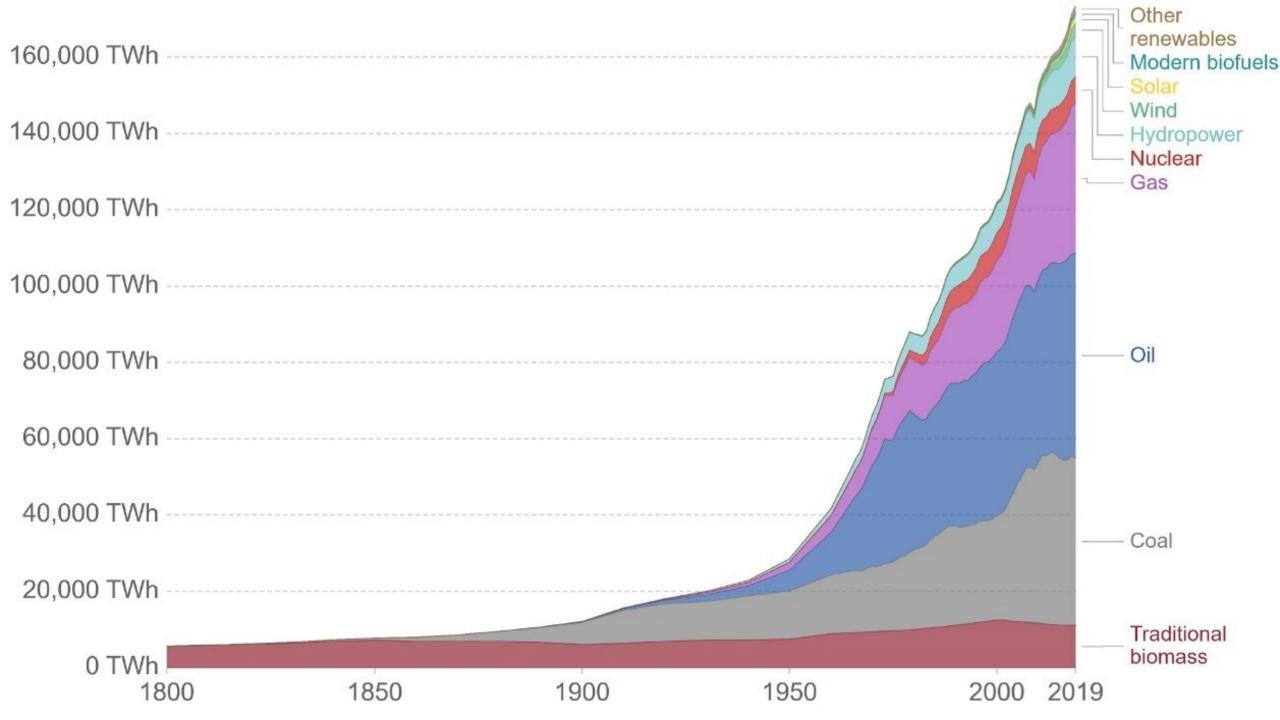




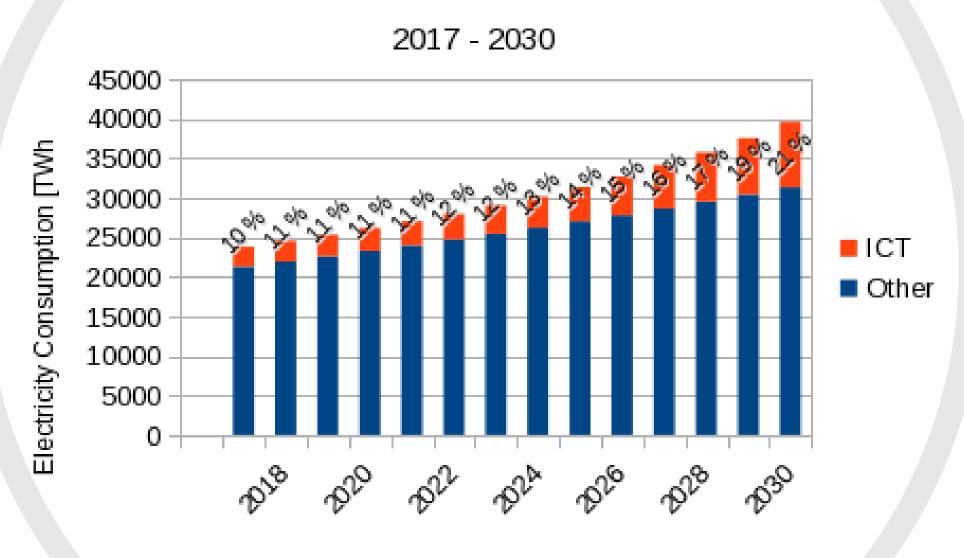




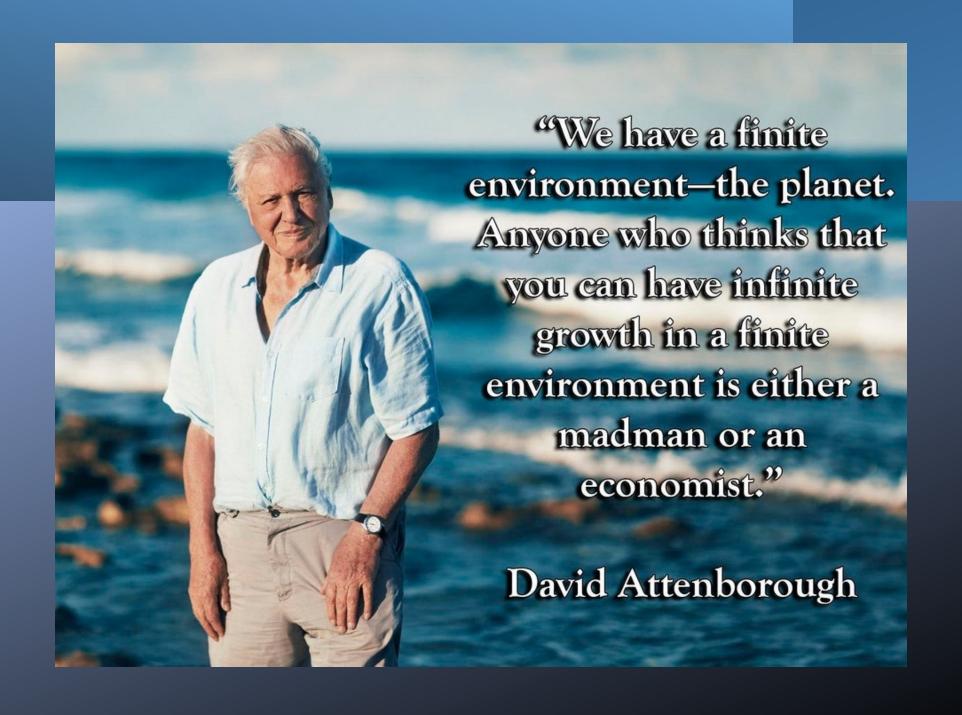
The Forgotten
Customer & The
Biggest Disruption
To Come



# Global electricity consumption



Year





### SOCIAL AND ECONOMIC IMPACT

### **OF CLIMATE CHANGE**



The cost of adapting coastal areas to rising sea levels Relocation of whole towns



Loss of the capacity to work due to heat

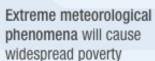


Shrinking productivity of harvests



Prices of basic foodstuffs and consumer goods









More wars to gain access to limited resources



Fresh water will be in short supply in some areas

Diseases will spread due to higher temperatures





There is no planet B



Key Tenets of Sustainable Businesses and Innovation:

Ethics, Ethics, Ethics, and more Ethics ...

## **IEEE Code of Ethics**

(<a href="https://www.ieee.org/about/corporate/governance/">https://www.ieee.org/about/corporate/governance/</a> p7-8.html)

1. to hold paramount the safety, health, and welfare of the public, to strive to comply with ethical design and sustainable development practices, to protect the privacy of others, and to disclose promptly factors that might endanger the public or the environment;

