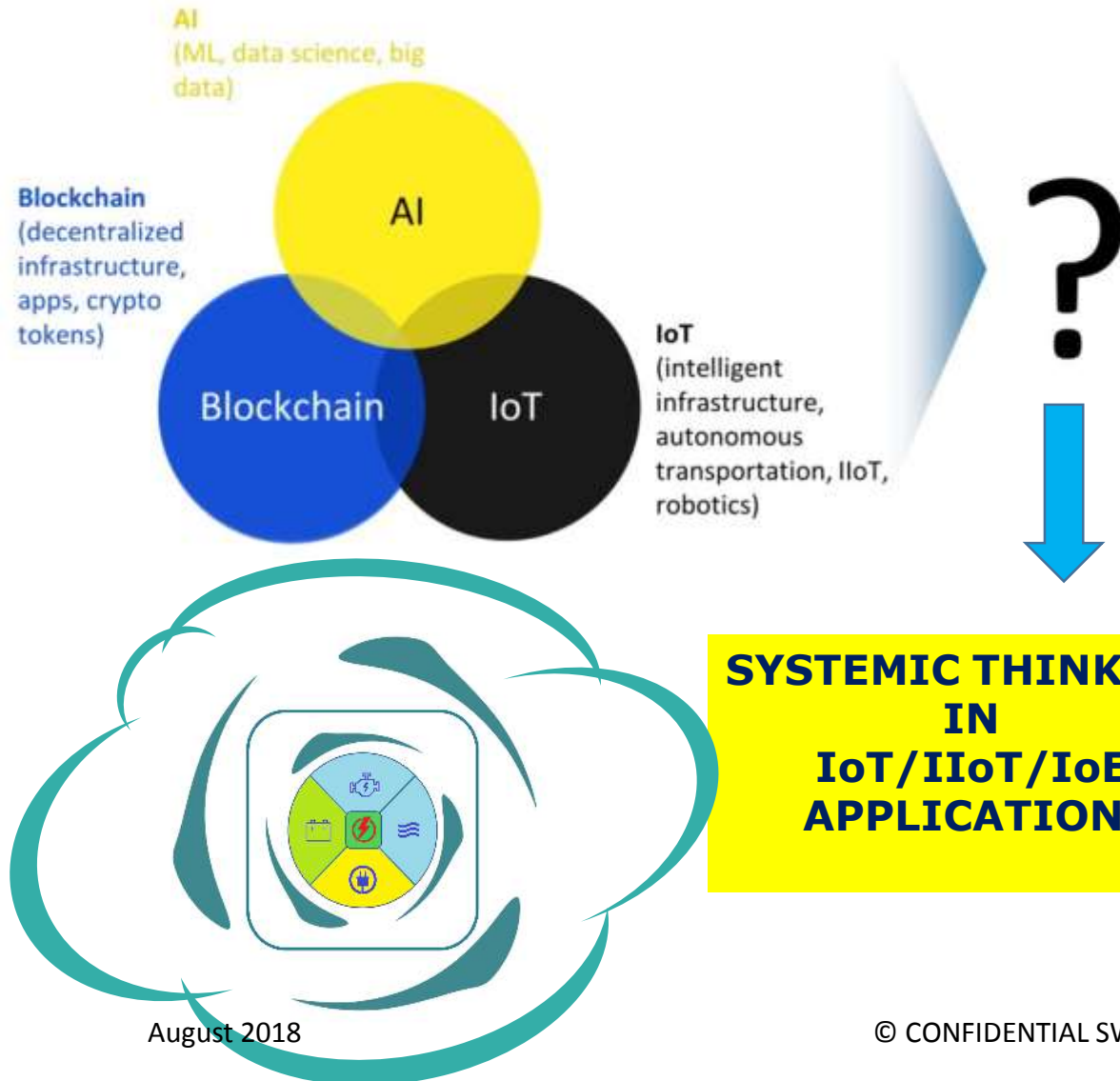


Internet of Things (IoT) Market worth 561.04 Billion USD by 2022

2017 Source: www.marketsandmarkets.com

Defining Technologies of the Next Decade



Avoid early Big Data via Systemic Logic, Smart Datafication of Process- and Metadata, Importance & Correlations

Structure Data for Efficiency, avoid CO2 from the start

Use semiotics to overcome Language Barriers

Use multilevel structure for coherent logic, intuitive operation and local security in decentralized applications

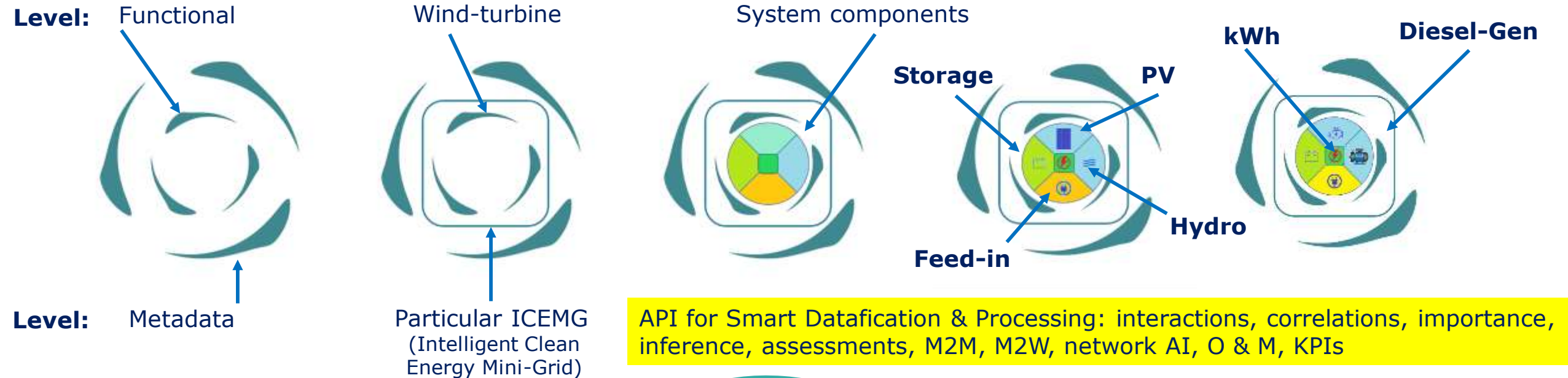
Use machine learning and sensor technology as "self AI" to build local loop & to network AI via M2M, M2W

Use built-in Cognitive Capabilities for system AI, for smart O & M, Root Cause Analysis and Predictive Maintenance

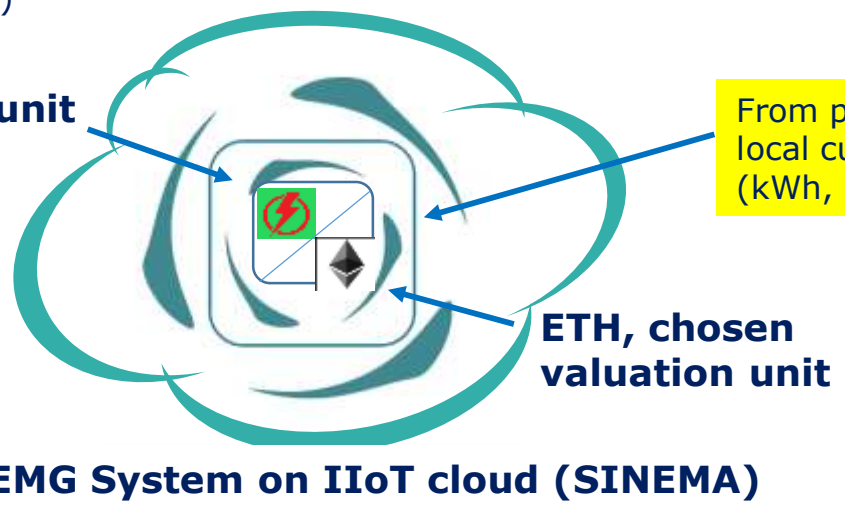
Interface to cloud, blockchain, crypto currency, RAAS, IAAS

Hybrid Renewable Energies for SDG applications via AI based networks of ultra-compact Hybrid RE & Service resources avoiding land use and carbonization

Similar intelligent results are possible for an enormous number of IoT, IIoT, to IoE (Internet of Everything) Apps



IIoT cloud interface, cognitive capabilities for M2M, M2W and learning loop evolution of network AI for Clean Energy, Green GSM, IPTV, VoIP, Triple play, Electro-mobility Decarbonising datafication

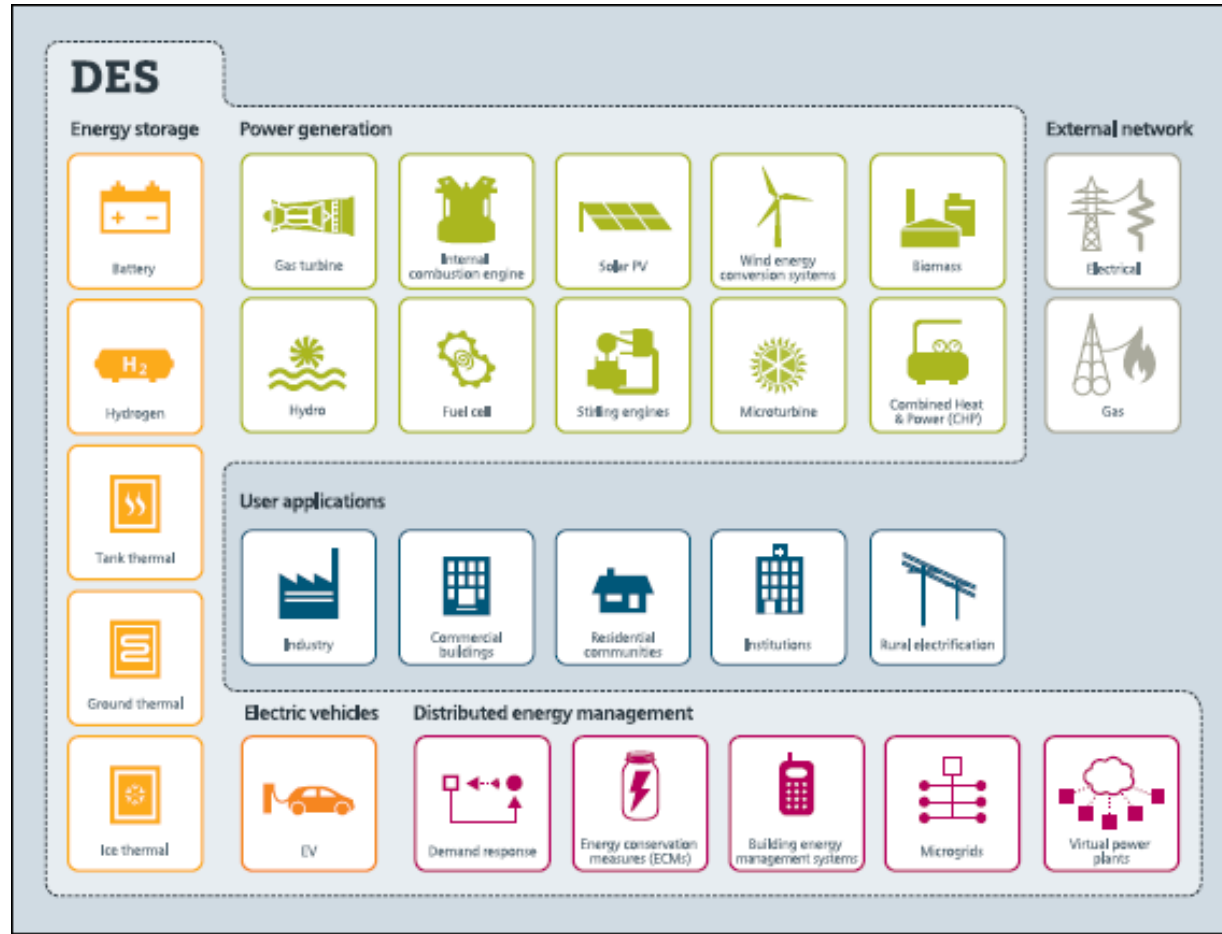


ICEMG System on IIoT cloud (SINEMA)

Patent US 8,280,827/WO Appl. MULTILEVEL SEMIOTIC USER INTERFACE WITH COGNITIVE CAPABILITIES



ENERGY MANAGEMENT COMPONENTS SEMIOTIC UIs/APIs



Source: DES Distributed Energy Systems (SIEMENS US)

Company Logos for semiotic UI/API (Electra Cabo Verde)



能源

Energy Management Chinese Semiotic for UI/API



Syneola /SWiRL Semiotic UI/API according to patent

Medical IoT



Automotive IoT



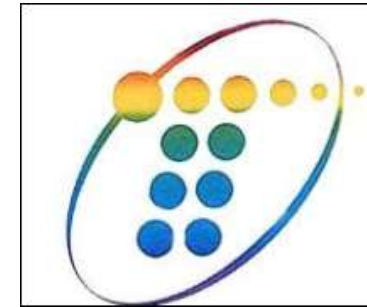
Communication IoT



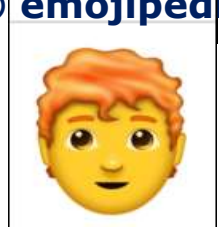
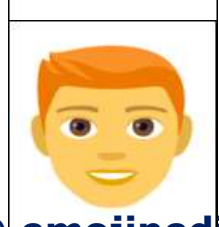
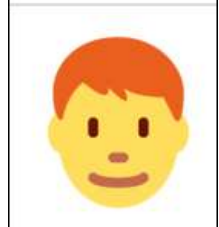
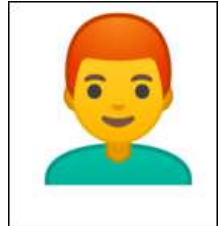
Energy IoT



Educational IoT



Simple multilevel APIs from supply unit to valuation unit can save millions of hours of navigation & related carbonization every day, bringing communication & valuation abilities to logos & symbols of companies in their digital communication and IoT devices.



© Google

© TENCENT

© SAMSUNG

© emojipedia

Simple multilevel APIs from supply unit to valuation unit can save millions of hours of navigation & related carbonization every day, bringing valorisation by communication abilities to emojis, stories, games, multimedia & IoT devices



Multiple level Logo or App Symbol layout acc. to Patent US 8,280,827/WO Appl.

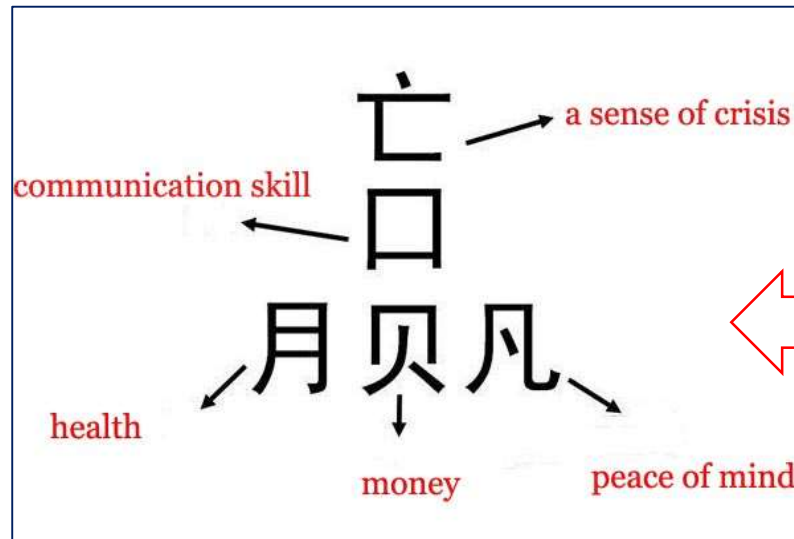
Note: The cited companies are owners of their logos and graphic representations

Industrial IoT and Consumer IoT
Patent US 8,280,827/WO Appl.

Multilevel Semiotics: Chinese "Energy" Sign in 2 IoT market segments "Energy" and "Health App" with communication and valuation ability.

能源

[energy, energy source, energy management]



Character: Chinese Simplified
Pronunciation: Hanyu Pinyin
(Mandarin = Standard Chinese)

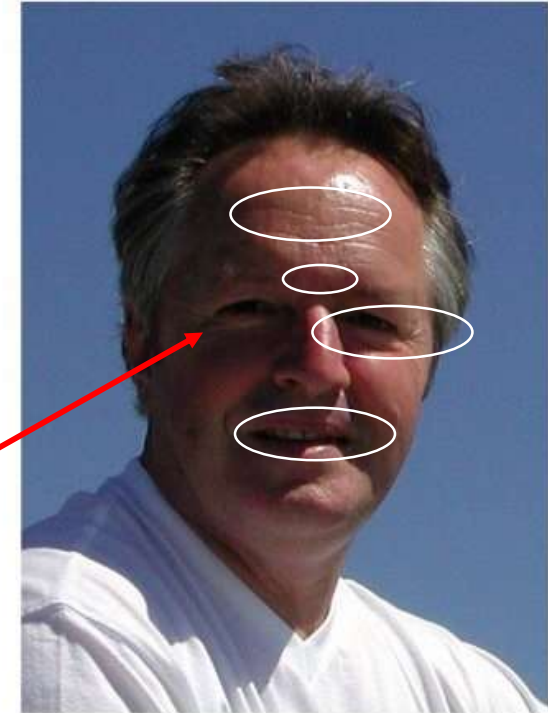
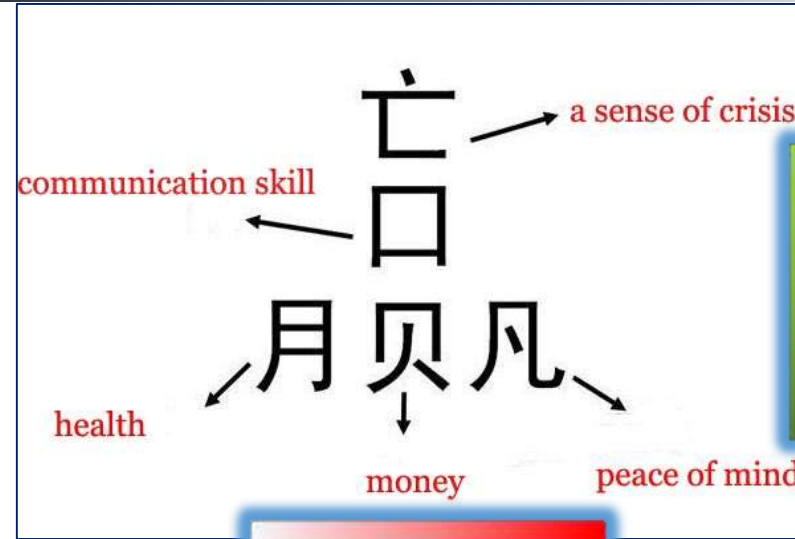


言
yíng

Smart Datafication

- Levels of Meaning
- Levels of Significance
- Logic Descriptor sets
- Degrees of Inference
- Metadata layers
- Correlations
- User feedback

- Meanings & Significance
- Value & valuation currency
- Learning Loop AI Evolution



**AI Ying
IoT App**

© ZTE
AXON

Individual Ying level derivation
via FACIAL ANALYSIS & AI
CORRELATION WITH THE COMPONENTS
of the YING SYMBOL
Diagnosis valuation & e-payment



3D Technology: Digital, Decentralized, Decarbonising

Further documentation is available against MNDA & qualifying contact.

**Feasibility studies on patent application vs licensing field can be made
at reasonable costs based on concrete LOIs**

**Non-competition agreements on particular license fields
can be defined in an MoU**