

Where
business is
coming from.



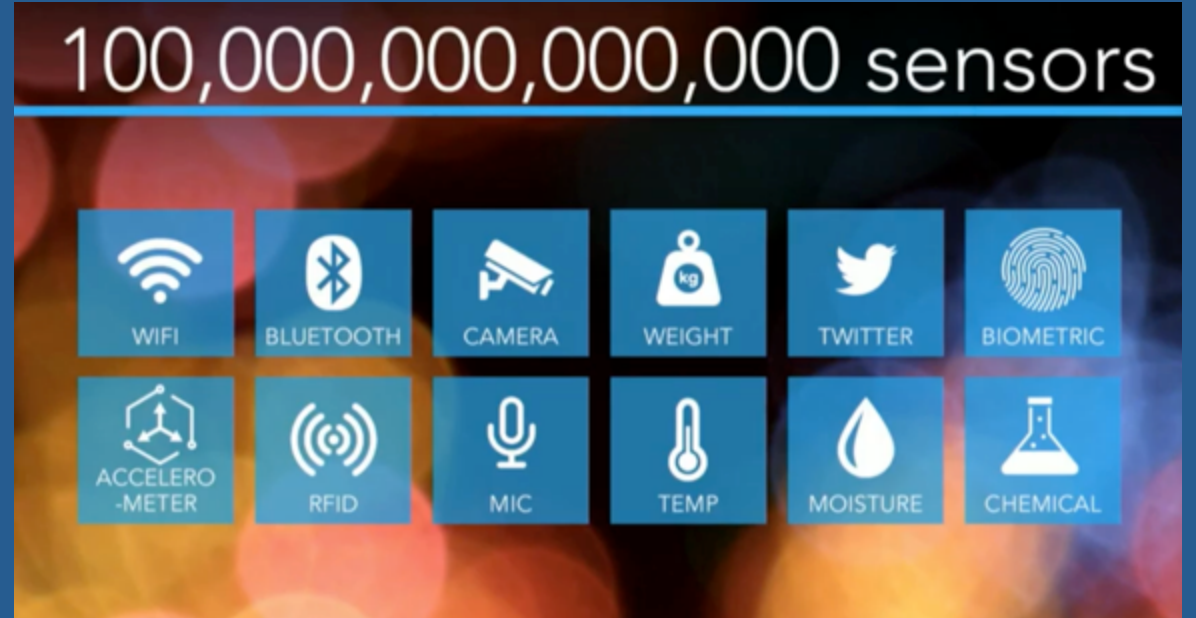
From:

- 1. New Electricity Generation**
- 2. New Human Food**
- 3. Sustainable Land use**
- 4. Better Transport**
- 5. Educating Women and Girls**
- 6. New Materials**

Enabled by:

- 1. The Internet of Things**
- 2. Artificial Intelligence**
- 3. Autonomous Machines**
- 4. Blockchain**
- 5. Augmented Reality**
- 6. 5G Networks**

The Internet of Things
Means: Making things smart.
100 Trillion sensors. Making
the world digitally
connected.



New Electricity Generation



AI

Means: Computers that think.


Automation, correlations, data signals and notifications.






HUMAN-MACHINE INTERACTIONS

- Machine vision
- Handwriting recognition
- Speech recognition
- Voice generation
- NLP
- Emotion/sentiment
- Lip reading
- Language translation
- Chatbots



PREDICTION/ FORECASTING

- Stocks
- Risk assessment
- Credit scoring
- Weather
- Election results
- Energy prices
- Earthquakes
- Gifted students
- Suicide risk



AUTONOMOUS MACHINES

- Industrial robots
- Personal robots
- Delivery robots
- Drones
- Autonomous cars
- Autonomous trucks
- Autonomous ships
- Autonomous planes



DIAGNOSIS & DISCOVERY

- Medical imaging
- Melanoma scans
- Medical chatbots
- Clinical diagnostic assistants
- Drug discovery
- Materials discovery
- Corporate auditing
- Search



CONTENT CREATION

- Music composition
- Ad layout
- Coding
- Cryptography
- Image restoration
- Audio restoration
- Deepfakes

New Human Food



Autonomous Machines
Means: More efficient
mobility.

Less congestion, more
flow, better land use,
more mobility. Less
death.



Sustainable Land use



Blockchain

Means: an internet that can trust.

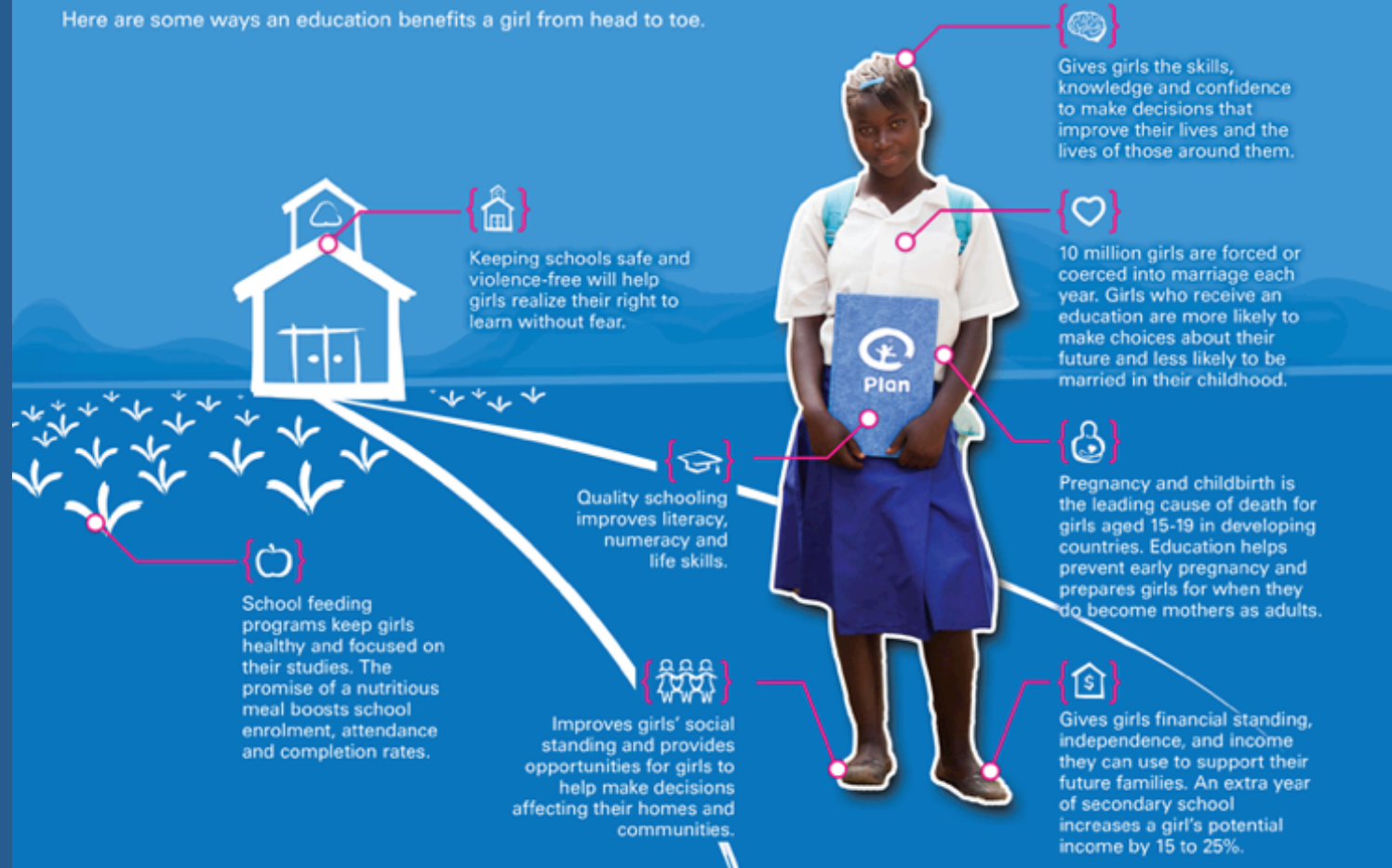
More efficient business.
Safer networks. More access.



Educating Women and Girls

From head to toe: The impact of girls' education

Every girl has a right to an education, but **66 million girls** are missing from primary and secondary schools around the world. Yet, education is a proven way to lift girls – and everyone around them – out of poverty. Here are some ways an education benefits a girl from head to toe.





Crypto-Currency



Certification



Authentication/
Identity



Supply Chain
Provenance



Digital
Finance



Healthcare



Real
Estate



Digital
Voting



Journalism



Fair-trade
Music



Social
Media



Distributed
storage

Augmented Reality
Means: The New Display.
New ways to work.

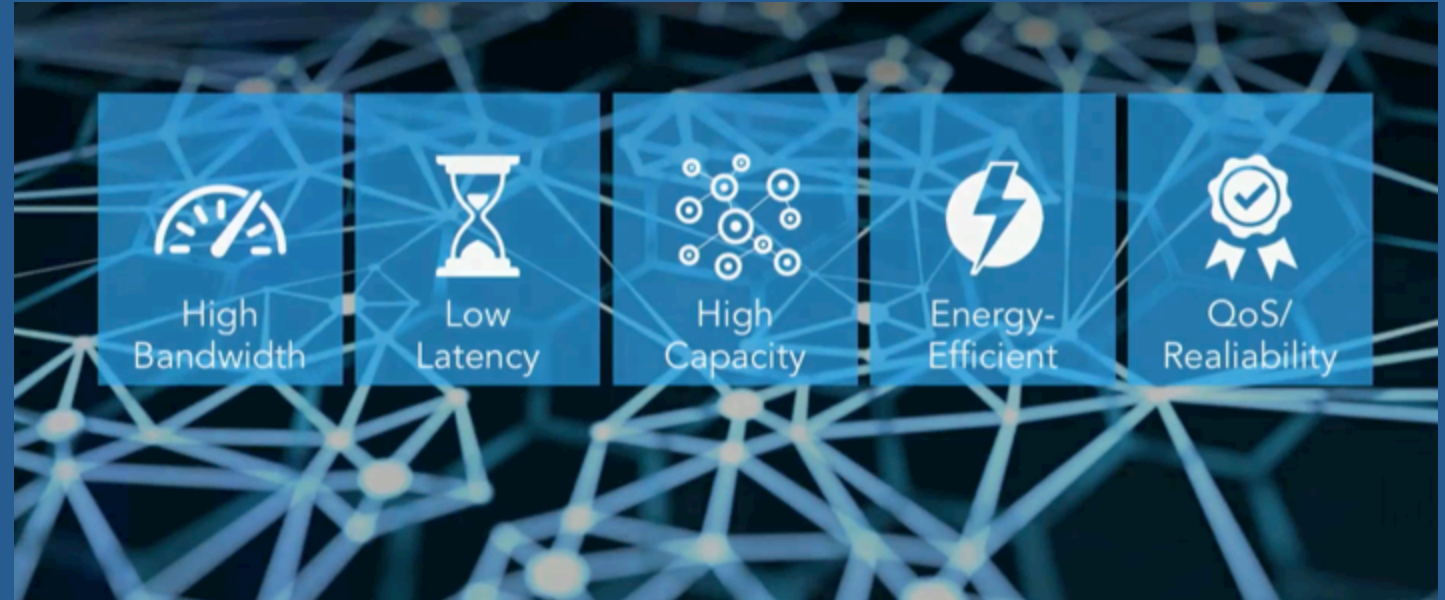


Better education for all



5G

Means: A new Mesh of faster, broadband for things.



5G BUSINESS OPPORTUNITY ACROSS INDUSTRIES



Connected Transportation

Intel is developing the technology that will make up 5G networks that support connected vehicles and optimize supply chains.

[Visit hub](#)



Smart Media

Intel is unleashing media experiences, with powerful 5G solutions from the device to the data center for ultra-high resolution 4K 360° video, immersive AR/VR and gaming.

[Visit hub](#)



Connected Health

Intel is driving the proliferation of smart health solutions and services—with more secure, ubiquitous access to low-latency 5G connectivity.

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Smart Industrial

Intel is enabling precision manufacturing to meet future demands—with scalable, low-power IoT devices, offering multi-RAT 5G connectivity to cloud resources and data.

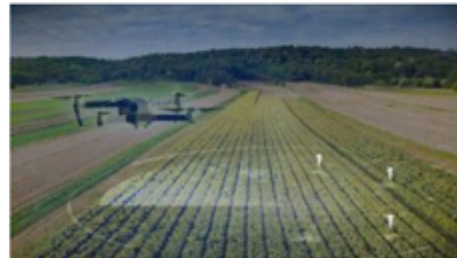
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Smart Cities

Intel is accelerating urban innovation with transformed 5G networks that enable data-backed decision-making from billions of IoT devices to help cities run smoother, safer, and smarter.

[View infographic](#)



Smart Agriculture

Intel is laying the groundwork for optimized and automated precision-farming solutions that empower real-time analytics and machine-to-machine communications.

[View infographic](#)



Smart Retail

Intel is outfitting retailers with the ultra-high-capacity 5G networks to propel an omnichannel retail revolution, leading to increased sales and reduced operating costs.

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Why are these businesses important?

They will save the world.

Rank	Solution	Sector	TOTAL ATMOSPHERIC CO ₂ -EQ REDUCTION (GT)	NET COST (BILLIONS US \$)	SAVINGS (BILLIONS US \$)
1	Refrigerant Management	Materials	89.74	N/A	\$-902.77
2	Wind Turbines (Onshore)	Electricity Generation	84.60	\$1,225.37	\$7,425.00
3	Reduced Food Waste	Food	70.53	N/A	N/A
4	Plant-Rich Diet	Food	66.11	N/A	N/A
5	Tropical Forests	Land Use	61.23	N/A	N/A
6	Educating Girls	Women and Girls	51.48	N/A	N/A
7	Family Planning	Women and Girls	51.48	N/A	N/A
8	Solar Farms	Electricity Generation	36.90	\$-80.60	\$5,023.84
9	Silvopasture	Food	31.19	\$41.59	\$699.37
10	Rooftop Solar	Electricity Generation	24.60	\$453.14	\$3,457.63
11	Regenerative Agriculture	Food	23.15	\$57.22	\$1,928.10
12	Temperate Forests	Land Use	22.61	N/A	N/A
13	Peatlands	Land Use	21.57	N/A	N/A
14	Tropical Staple Trees	Food	20.19	\$120.07	\$626.97
15	Afforestation	Land Use	18.06	\$29.44	\$392.33
16	Conservation Agriculture	Food	17.35	\$37.53	\$2,119.07
17	Tree Intercropping	Food	17.20	\$146.99	\$22.10
18	Geothermal	Electricity Generation	16.60	\$-155.48	\$1,024.34
19	Managed Grazing	Food	16.34	\$50.48	\$735.27
20	Nuclear	Electricity Generation	16.09	\$0.88	\$1,713.40
21	Clean Cookstoves	Food	15.81	\$72.16	\$166.28
22	Wind Turbines (Offshore)	Electricity Generation	14.10	\$545.30	\$762.50
23	Farmland Restoration	Food	14.08	\$72.24	\$1,342.47
24	Improved Rice Cultivation	Food	11.34	N/A	\$519.06
25	Concentrated Solar	Electricity Generation	10.90	\$1,319.70	\$413.85
26	Electric Vehicles	Transport	10.80	\$14,148.00	\$9,726.40

Thanks and credits

- The Drawdown.

<https://www.drawdown.org/solutions-summary-by-rank>

- Steve Brown. The Bald Futurist.

<https://www.youtube.com/watch?v=ZNhHrDPYXFo&feature=youtu.be>

