

WELCOME TO THE FUTURE CLOUD

THE WORLD IN

IN 100 PREDICTIONS

2025

*welcome
to 2025!*



MARCEL BULLINGA

THE WORLD IN

2025

IN 100 PREDICTIONS

The Cloud is the new face of the 21st Century. The next wave of global innovation. The world of our children. Fun, fast, fascinating.

The Cloud is the hyper realistic mix of real life and virtual life. *Alice in Wonderland*, but this time for real. A paperless world with mobile people, green profit, wealth in the East, and many new happy countries.

The Cloud tackles most of the current crises. We create supermaterials and you gain personal control. Do It Yourself is the motto. Produce your own energy and print products at home. Manage your finances and keep your secrets in your personal dashboard. Check everything on the spot with your wizard mobile. You are in control, and you love it!



Ten trends and innovations will shape the Cloud. Self-sustainable cities, local money, cheap Energy Unlimited. Cars and houses turn into robots. No more traffic jams. Doing business is a daily striptease in a transparent *Lego* world. Social robots and distant screen workers cause a global economic boom and prevent labour shortage in greying and shrinking countries.



- This book is for inventors & innovators
- It is based on the latest scientific research. With full colour pictures of world class innovations, 'Seeds of the Future'
- With 100 Predictions about the future, an innovation quiz and your country's Happiness Ranking
- Interactive! Rate the 100 Predictions on:
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WELCOME TO THE FUTURE CLOUD

THE WORLD IN

IN 100 PREDICTIONS

2025

AND THE
BEST
THING IS:
**YOU
ARE IN
CONTROL!**

"MARCEL'S PITCH
IN A SINGLE WORD:
INSPIRATIONAL!"

"A HIGH
ENERGY
SPEAKER AND
WRITER"

"I HAVE NEVER
BEFORE SEEN
AN APPROACH
LIKE HIS"

"CHARISMATIC
CHAIRMAN WITH
PRECISION TIMING
AND A
FINE SENSE
OF HUMOUR"



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**“In the eyes of
your children,
you live
in a museum.
I show you
the door
to the future”**

marcel.

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author' and 'Notes' (319!)
(not included in the paper book)





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GENERAL PREDICTIONS. AROUND 2025...

The General and Self Control predictions contain 'the best of' all 100 predictions on specific topics that you can read later on in this book.

1. The sun is the major and cheapest form of energy. It can be sprayed everywhere. It is the main contributor to cheap Energy Unlimited. This causes a global economic boom
2. Everything is software, from police work to driving a car and teaching kids. Social robots, smart software and distant screen workers raise global labour productivity and reduce labour shortage in greying and shrinking countries. This causes another global economic boom
3. Social robots, smart software and distant screen workers enhance our sense of time. They reduce the time needed for mobility, they lead to less accidents and traffic jams, and they reduce the time wasted on useless 'red tape' and bureaucracy. This causes yet another global economic boom
4. Local money, like the 'Totnes Pound' or the 'Healthcare Yen', stimulates local economies worldwide and diminishes speculation. This causes yet another global economic boom
5. Intelligent, trusted, 'anti-fraud' money & value papers reduce fraud. This adds to the global economic boom
6. Everyone possesses their own personal factory (a cheap high quality 3D product printer) and their own personal laboratory (a multipurpose mobile). Every house has its own game room, which is the family's communication control center
7. Everyone needs higher education or entrepreneurial skills. Lower education is just not good enough anymore in the global and hypercompetitive economy
8. Massive cultural conflict in Western countries due to mass immigration
9. Children mature very early. Access to adult information makes them grow up faster. Multitasking drives them crazy. They lack focus in school
10. India & China are in the top 10 of happy countries (right now, Western European countries are)

Predictions



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SELF CONTROL PREDICTIONS. DO IT YOURSELF AROUND 2025...

The General and Self Control predictions contain 'the best of' all 100 predictions on specific topics that you can read later on in this book.

1. More money left. No more energy bill. Your house produces energy
2. Easy shopping. You print spare parts & small items, like football shoes at home
3. More time left. Work & relax in your self-driving electric car, a quiet and cheap 'green' jewel. It is second home and mobile office in one
4. More chance of being your own boss. Thanks to the many tools for working everywhere
5. More control over your creations, secrets, finances, social profiles, medical records & privacy level. Thanks to your personal dashboard, a safe deposit for all your personal belongings
6. More consumer power thanks to the multipurpose mobile. You can check everyone & every product directly on the spot
7. Less risk of fraud. You can keep your secrets at the same time. Thanks to the development of 'anti-fraud' money & value papers
8. Less hospital care. You can diagnose & treat simple diseases at home. Diseases are treated long before the symptoms develop
9. Better education. Escaping a bad local school is possible, thanks to high quality & cheap distant education on screen
10. More personal choice in lifestyle, sexuality, work & consumption

ctions



THE 10 INNOVATIONS THAT SHAPE THE CLOUD

Mind you, the innovations I mention there are not invented yet. I think they will be invented. They represent a 'class of innovations' and are derived from the existing world class innovations that are mentioned throughout this book.

1. **LOCAL ENERGY.** Nearby energy resources require little or no transport, are green and mini. Like the sun, water, wind, earth heat, body energy. Always a mix of renewables & clean fossil, as long as it is local

2. **SUPERMATERIALS.** Newly created in the lab with extra possibilities, for example extremely strong, flexible & light, act as a screen or provide energy. Made from abundant local sources, like sand & water. They replace scarce materials and oil products like plastic. Climate tools turn CO₂ from a dangerous waste into fuel

3. **SOCIAL ROBOTS** plus smart software plus distant screen workers (say 'Cloud Immigrants') all together lead to a global raise in labour productivity, reduce the labour shortage in greying and shrinking countries and reduce traffic jams

4. **PRODUCT PRINTERS** (say 'personal factories') print real size products in the material of your choice in office or at home. Like spare parts, a football shoe, solar cells, and even food

5. **INTELLIGENT BUILDINGS** (say 'robot buildings') are like Lego for adults: they can be printed and are plug&play. They generate off grid energy ('unplugged') and can be controlled from a distance

6. **INTELLIGENT CARS** (say 'robot cars') are self-driving and electric. They can be plugged to the house or office for charging. They act as a second home & mobile office. Travel time is working time or relax time

7. **SELF-SUSTAINABLE CITIES** provide most of their own food and energy. Villages have the same services and the same innovation level as cities

8. The personal **DASHBOARD** is your own communication-, privacy- & copyright control center. It is the safe deposit for all your personal belongings. It gives you control over all your creations, secrets, finances, social profiles, medical records & privacy level

9. The wizard, multipurpose **MOBILE** is the remote control of your life: pay machine, passport, dating tool & safety checker. Check everyone & every product directly on the spot

10. **LOCAL AND INTELLIGENT MONEY.** Local money is newly created money, like the 'Totnes Pound' or the 'Healthcare Yen', that stimulates the local economy and prevents speculation. Intelligent money and value papers carry an embedded 'seal of trust' and prevent fraud





THE 10 TRENDS THAT SHAPE THE CLOUD

Trends describe hidden patterns of change. You can use them to your advantage for product & organizational innovation

1. **VIRTUAL.** Hyper-realistic communication. Offline & online is the same, physical = virtual. Online is standard, offline a choice. No difference between entering a house or a website
2. **GLOBAL.** A global labour market, global screen services, global quality standards create a flat, freelance, hyper-competitive economy with fewer barriers for communicating & doing business
3. **LOCAL.** Local energy sources & local raw materials for local production & local consumption. Powerful local communities using local rituals and local money
4. **MOBILE.** Mobile people mean continuous flows of physical and virtual immigrants. Goes along with mobile media, mobile pay, mobile check, mobile energy, mobile offices
5. **TRANSPARENT.** Transparent quality of services, products, labour and organisations. Real-time benchmarking and crowd ranking make the (lack of) quality of companies and professionals visible. People's location is transparent, but only if they have given permission. Privacy is a (paid) choice
6. **INTELLIGENT.** Products become intelligent. They possess a simple form of consciousness and can react to change. Cars, houses and farms turn into robots
7. **PREVENTION.** Prevention of illness, medicines, accidents, mobility, transport, energy, fraud & crime
8. **CHECK.** Check any claim directly in the street and in the shop. Check the safety of buildings, check the identity of people, check the claim of products & advertisings
9. **SELF.** You are in control: self-service, self-control, self-power, self-employment, self-care & self-management. But also self-pay: you are more responsible for your own pension funds, education & healthcare savings. In addition, materials, products, companies, systems & cities are self-cleaning, self-sustainable, self-repairing, self-healing, self-managing, self-organising and self-regulating
10. **SHARE.** Share ideas, logistics & production capacity for fast innovation, with colleagues, clients & competitors

CLOUDS



INNOVATION QUIZ www.futurecheck.com/innovationquiz



THE 4 TREND NUMBERS THAT SHAPE THE CLOUD

Trends aren't the only things to describe hidden patterns of change. Trend numbers do as well. Changes tend towards 0 or 1 or 2.

TREND NUMBER ZERO: 0-emission houses & cars, 0-energy houses & cars, 0-poison food, 0-waste, 0-noise, 0-oil products, 0-oil fuels, 0-oil dependency, 0-maintenance, 0-stock, 0-transaction costs, 0-switching costs, 0-failure costs, 0-provider lockin, 0-manual, 0-waiting, 0-reaction time, 0-transaction costs, 0-paper. In short: 0-misery products!

TREND NUMBER ONE: 1 personal global dashboard, 1 personal mobile, 1 global income, 1 global passport, 1 mobility pass, 1 global identity, 1 global black box for cars, 1 financial card, 1 remote control, 1 global social security card, 1 stop shop, 1 global labour market, 1 standardised global set of education levels, 1 single point of contact between government & citizen, 1 global financial regulator, 1 government license, 1 global flat tax, 1 global sky regulator, 1 global set of quality standards for products and services, 1 way of giving subsidy

TREND NUMBER TWO: We live in 2 worlds at the same time. 2 worlds, 2 cultures, 2 loyalties. Dual living, hybrid living, Yin Yang living, ampersand living, the sandwich world. The differences blur between previously separated worlds: online AND offline at the same time, physical AND virtual, young AND old, green AND profit, work AND play, office AND home, private time AND work time, high tech AND high touch, amateur world AND professional world, gay AND straight alliances

Innovation is about combining the best of two worlds. Crossing borders, blurring between previously separated worlds, creating new or impossible combinations. See the next page for a highlight of this 'innovation number'.

TREND NUMBER SIX MINUS: 6- is the bad guy! In the future, personal or organisational mediocrity will not do anymore. Excellence is In

0

1

2

6-

CTIONS



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TREND NUMBER 2 IS THE INNOVATION NUMBER...

Trend Number 2 is a special number. That is why it is highlighted here. It is the innovation number. Innovation is about combining the best of two worlds. Crossing borders, blurring between previously separated worlds, creating new or impossible combinations. Here you find a few examples.

Care Hotel — healthcare AND tourism

School Factory — learn AND produce, learn AND play

Care Farm — farm AND hospital

Data Farm — farm AND data centre

Urban Farm — city AND agriculture

Vegetarian Meat — food AND animal welfare

Edible Flowers — food AND candy

Health check Diamond — healthcare product AND jewel, product AND health sensor, function AND beauty

Medical Tomato — food AND medicine

Dyke House — water safety AND recreation, building AND energy collector

Laptop AND Lederhosen — old and new combined

Gay AND straight alliances at work and school



Previews



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MEDIA PREDICTIONS. AROUND 2025...

1. Last paper book is printed, last Blue Ray DVD is produced. Bookless libraries have turned into community centres & congress halls
2. TV, radio, newspapers & magazines have blurred into 1 screen (but not 1 company) for all information, education & amusement in personalised form
3. Every house has a 'virtual sphere', which is communication control center & game room in one. Inside that sphere, the children do their homework together with classmates and the adults have routine office meetings with colleagues
4. You can taste, smell and twist documents & spreadsheets. Brain interface is standard. You operate any screen, device or machine around you by touch, point, voice or thought
5. You provide a photo, a voice, a sound, DNA or a fingerprint. The search engine finds you the matching answer: who or what is this, and: are you allowed to use the found source?
6. Your multipurpose mobile is the remote control of your life. It is pay machine, passport, dating tool & instrument for self-check. You check everyone and every product on the spot and in the street
7. Your personal dashboard is your communication-, privacy- & copyright-control centre. It gives you the tools to manage all your identities, social profiles, finances, medical records & secrets, and to protect the copyright of your creations (song, book, software)
8. You have 100% privacy, but privacy is a (paid) option. You can do anything in complete anonymity — unless & until you commit a crime. In that case, your identity is revealed automatically
9. The world has turned into one very small village. Friend & foe live together in that same small village. The global reach of the Cloud both enhances and destroys the freedom of expression
10. Many 'Game Slave Children' and adult 'Cloud Addicts' have lost the ability to concentrate & focus. Many 'Offline People' have gone completely off-screen, due to the paralysing effects of information overload and choice overload



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MOBILE PREDICTIONS. AROUND 2025...

1. Pay machine & translation tool. Pay for your ice cream and have some small talk with the Italian guy next to you (you are Chinese and you do not understand a word of Italian)
2. Remote control. Adjust the energy usage of your home from a distance and set individual room temperatures. Use it to open the door and operate all screens around you
3. Open Sesame! All your smartcards and identity documents are embedded in the mobile. Get access to anything: building, website, personal dashboard
4. Location finder & dating tool. Check the location of your friends (if they have given permission). Check the location of your boss, colleagues, and celebrities. Check the cute guy and sweet girl in the disco. Is he or she up for a date?
5. Information finder. Check the restaurant you want to visit. Do they have good or bad reviews? Check that house for sale. What are the price & the state of maintenance?
6. Product checker. Check the share you want to buy; is its sale legally permitted? Is it fair trade, does it use child labour? Are the cheap tomatoes in the supermarket really organic?
7. Person checker. Check the person you want to do business with; what is his history? Does your job interviewee have a valid work permit? Is the doctor licensed to perform the operation?
8. Safety checker. Check the disco you want to enter. Does it have a valid fire licence? Check the lake; is it safe to swim? Check the factory chimney; what substances does it emit, and are they harmful? Check your dating partner & yourself for sexual diseases; before and after...
9. Safety checker & lie detector. Check the train passenger; does he have a valid ticket? Does the car driver have a valid licence? Do the authorities know the vandal?
10. Curiosity tool. Check your father's fingerprint. Does his DNA match yours? Check your new neighbour. Does he have a prison record? Was he sentenced for child abuse?



INNOVATION QUIZ

INNOVATION QUIZ www.futurecheck.com/innovationquiz



THE 10 GOLDEN PRODUCT INNOVATION QUESTIONS

So, you want to innovate your product? You want to turn it into a Cloud-product, 2025-proof? OK— destroy your current product and rebuild it from scratch! No matter if the product is small, portable, costs 10 euro and targets consumers, or is large, fixed, costs 1 million dollar and targets big companies. No matter if it is a flower, a printer, soap, a house or a car. Ask yourself these 10 Golden Innovation Questions. Any Yes answer means you have an opportunity for innovation...

1. Does your product still exist in 2025? | Maybe it has been replaced by another product. Maybe it has turned into software. Maybe there is no need for it anymore
2. Can you turn it into a robot? | A robot is a symbol for an intelligent product. An intelligent product can react to its environment, to its users, or to input from a distance. It can prevent repair and repair itself, and the producer can repair it from a distance. An intelligent product has no manual but an embedded interface; a screen guides the user. An intelligent product is like a consultant: it can talk to its user
3. Can you turn it into a green product? | For example, it consumes less energy, it produces energy, or it is made of local raw materials
4. Can you turn it into a 0-product? | For example: 0-poison, 0-transport, 0-energy, 0-waste, 0-maintenance, 0-manual, 0-paper. 0-paper means that all paper & papertransactions are eliminated from the production- and consumption process ('produce / maintain / recycle / innovate' & 'search / pay / use / recycle')
5. Can you create a new shape? | For example: a mobile, mini or supereasy version. Or 3D in stead of 2D. Or a household version in stead of a professional version
6. Can you turn it into a personalized product? | A personalized product is especially configured for its user
7. Can users 'print' the product? | 3D Product printers have entered the factory, the office and the home
8. Can users buy or hire the product? | For example: can users hire it for just a moment, or for 1 assignment only?
9. Can you turn it into a social & transparent product? | For example: the product has embedded user services. Or users can share it with other people. Or users can (co)develop new versions
10. Can you turn it into an emotional product? | For example: it evokes emotions. Or it is age sensitive. Or it has a fair trade / green / community message

Service robot.
Doesn't look friendly,
but might do the shop job⁶⁸ 😊



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WORK PREDICTIONS. AROUND 2025...

1. In every job, the administrative burden ('red tape') is reduced by 90%. Smart software has taken over all the boring administrative and control tasks
2. In every job, social robots do the hard physical and repetitive or dull work: in house, on the street, in the hospital, and in the factory
3. Competition for work and demand for quality has increased. Distant screen workers (say 'Cloud Immigrants') provide all kinds of services that are possible on screen at a distance.
4. In every job, being rated is standard. In every job, the use of social media is standard.
5. In every line of work, human skills (communication, sharing, and leadership) are more important than know-how, since know-how can be trained quite easily in game rooms and simulators.
5. In most jobs, professionals have high levels of responsibility and decision power. Higher education is standard requirement. Yet, low educated people with high entrepreneurial skills can still make a good living
6. Wage earners have become a minority. Most workers are self-employed. Workers do not look for a job, they look for a *market*. They are not employed by a single company, but by a network of companies. Employers pay for the right to view the CV of high-potential students and future employees
7. There is no strict distinction any more between private life and work life
8. Companies with Gay-Straight Alliances have an advantage in cooperation and sharing; the two major features for success
9. Trade unions in democratic countries have become start-up initiators. Trade unions in undemocratic countries have kept their traditional role as employee protectors
10. Open access science & open data government are standard. All government funded scientific research is available for free. This has speeded up innovation worldwide



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EDUCATION PREDICTIONS. AROUND 2025...

1. Kids learn more outside the school. Education is a game, the media are the new educators. Software has made learning & teaching easier. Games & educational robots have turned learning into a play
2. Children lack focus due to all the screens that provide distraction all the time, extreme multi-tasking, and the presence of mobiles in the classroom
3. School is an educational gaming zone, but most of all a place to teach kids how to behave in groups and how to experience silence & meditation
4. Teachers prepare kids for lifelong learning. Personalized learning is standard
5. Teachers organize specialist guest teachers in the classroom. Freelancers, parents and specialists teach kids the newest knowledge on specific subjects
6. Teachers and schools are constantly rated in public, by pupils, fellow teachers and global educational authorities. This forces them to enhance quality. Quality shows. Bad teachers and bad schools cannot hide anymore
7. Good teachers are like pop stars with global fans. They have gained the right to more autonomy in their classroom
8. There are many possibilities to get cheap, high quality distant education on screen. Children in bad neighbourhoods or in poor countries now have a way to escape a bad school. It also raised competition in education and caused a boom in home schools
9. Basic skills for kids now: read, write, do math. Basic skills for kids in the future: read, write, do math — *and* visualize content *and* present content *and* be 'media literate' (know how to search & judge media sources & distinguish fake from real)
10. Worldwide, there are more schools with Gay-Straight Alliances than schools with weapon detection gates

Predictions



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HEALTHCARE PREDICTIONS. AROUND 2025...

1. Medical institutions have turned into shops. Hospitals have turned into health-care supermarkets. Not the doctors have a consulting room — the patients do
2. The hospital runs on care robots, since human hands are scarce. Robots do the hard and repetitive nursing tasks
3. Old age houses are happiness houses, where patients are treated like kings for an affordable price. No difference between an old age house and a hotel
4. Most diagnostics are done with medical tools that patients can handle at home themselves. The body continuously measures your vital signs and warns patient and doctor automatically
5. Patients do physiotherapy at home in their game room, aided either by a virtual physiotherapist (physiotherapy software) or by a human physiotherapist via a life connection
6. Many epidemics are prevented thanks to early automatic warning. For example, flu meters sold to individual people report incidences of flu automatically
7. Pharmaceutical industry has collapsed. Many medicines are no longer needed. The illness is discovered long before the symptoms arise. Showing your personal DNA chip to your doctor is standard practice
8. The medical professional has gained power and responsibility. Middle management is cut out
9. The health consumer has many more choices thanks to global medical tourism and new commercial healthcare providers
10. The health consumer has gained power, but he is also more responsible and accountable for his own lifestyle and health choices. Healthcare insurance is based on mutual self-interest, not on solidarity with anonymous groups. The patient pays the bills, not the collective

Predictions



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MONEY PREDICTIONS. AROUND 2025...

1. All smartcards, member passes, ID-cards and so on are integrated into one smartcard that is integrated into your mobile. You log in with your body ('multiple biometrics')
2. Banks & countries undergo a stress test every day. Shadow bookkeeping is impossible. Debts or assets cannot be hidden. The debts and assets report themselves missing
3. Commercial banks are largely replaced by community banks. Most people lend directly from other individuals & companies ('peer to peer') via a trusted web service
4. Every city has its own local coin, like the 'Totnes pound'. Local coins are anti-speculation and stimulate the local economy
5. Every service has its own dedicated coin, like the 'Healthcare Yen'. Service coins are anti-speculation and make sure you get the service (for example healthcare) you need
6. You finally understand your pension and your mortgage. Your dashboard allows you to simulate the consequences of any potential deals, like an insurance or a mortgage. You can check what is in *your* (not the insurer's) best interest
7. Most countries use trusted, 'anti-fraud' value papers. Shares, legal documents and diplomas are wrapped with a sort of super seal. This Cloud Seal guarantees that the claim is valid; if not, it's a fraud
8. You don't need to show the train conductor your ticket; a valid ticket reports itself to the conductor's mobile. The conductor can focus on people without a valid ticket
9. Every financial transaction is checked for fraud & corruption before the transaction is executed
10. Free choice in pension funds made traditional pension funds obsolete. Global pension funds (both small and large) offer competitive & 100% transparent choices

Predictions



HAPPY COUNTRIES RANKING www.futurecheck.com/countryranking



And now for something completely different. Back to Earth. I present you an intermezzo, like the break in a musical. I want to get your mind away from the mindboggling stuff. Both feet back on the ground. We return to the present in the next two chapters. What facts do we have about happy countries and mobile people? In this chapter, I try to answer those questions using as much data as possible from trusted sources today.

I found out that a country that ranks high on happiness also tends to rank high in a lot of other very different rankings as well. Happiness is infectious, it seems...

As a gift to the crowd, I collected the most important country rankings and put them together in a newly created, free spreadsheet, the Happy Countries Ranking. The losers and winners of each ranking are in bold.

You best go to www.futurecheck.com/countryranking now, for the most recent figures. Then return to this chapter for clarification and the big picture. In the spreadsheet itself you will find links to the relevant edition of a certain year; in the end notes of this book you will find links to the general website of the ranking organisation.

You can help to find solutions for a better future by adding new or better research to the ranking or by correcting wrong stats. If you disagree with my findings, then by all means, prove me wrong — preferably with facts and statistics.

Sometimes you will read terms like ‘gross national (or domestic) product’, GNP or GDP. Frankly, GNP/GDP is an absurd way of measuring wealth. It does not! If the criminality rises, then GDP rises as well. In this book, I was forced to use it though, since many statistics do. Just see it as a rough measure of income.

Another thing. You will see mostly Western statistics. No pun intended, but that region provides the most trustworthy and public research about global issues. New facts and stats that change our (or at least my) view on the future are appreciated!

PS I love sites that visualize facts and statistics. Great. Really Cloudy!¹¹⁶



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GOVERNMENT & LAW PREDICTIONS. AROUND 2025...

1. Citizens possess powerful information to avoid & prevent crime. There is 1 global, transparent, democratic police region with shared information about crime and criminals
2. Law enforcement has become much more efficient. Most law (for example traffic, identity, safety & fiscal law) is software embedded in products, cars, buildings & mobile phones
3. There is a virtual cop next to you in your self-driving car. Since your car is a robot, it simply cannot drive too fast. The car also automatically reveals your identity in case of an accident. Government has to find other sources of income; there are no more fines for exceeding the maximum speed
4. When you pay the electricity bill for charging your car, the Value Added Tax is collected directly by the local taxing government in charge. Most countries have a flat tax, due to global fiscal competition
5. You don't need to show the train conductor your ticket; a valid ticket reports itself to the conductor's mobile. The conductor can focus on people without a valid ticket
6. Government no longer redistributes wealth. It mostly empowers citizens and companies to create their own wealth. Not social security is key to wealth, but personal initiative in combination with social mobility
7. Powerless country borders have been replaced by city borders and virtual borders. Cars are screened automatically while charging, people are screened while buying something that requires identification
8. Undemocratic countries have gained large economic advantage by renovating and building infrastructure very fast. Democratic countries faced decline, since their procedures were too slow
9. Western welfare state has collapsed. It was no longer sustainable due to mass immigration and the growing number of senior citizens. Less social security in the West (the formerly rich countries), more social security in the East (since long 'emerged economies')
10. China & India are in the top ten of happy countries (right now, Western European countries are)



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COMMUNITY PREDICTIONS. AROUND 2025...

1. Social contact has undergone major change. Screen contact has replaced much physical contact. It made friendship much easier
2. Children mature at a very early age. They also enjoy the powers of creativity at a very early age. School is an educational gaming zone, but most of all a place to teach kids how to behave in groups and how to experience silence & meditation
3. Family life and raising children has become much more complicated in a world where media are the new educators
4. 'Game Slave Children' and adult 'Cloud Addicts' have lost the ability to concentrate & focus. 'Offline People' have gone completely off-screen, due to the paralysing effects of information overload and choice overload. However, the majority of people has adapted quite well to the Cloud
5. Western multicultural countries suffer from loss of social cohesion due to mass immigration. Trust between groups has diminished. Former wealth has gone, due to severe cultural conflict.
6. Public display of religion causes conflict and is banned in most Western countries. Monocultural countries and countries with a strict immigration policy have gained large economic advantage
7. The global economic boom, caused by social robots, distant screen workers and cheap energy, created a large and happy middle class
8. The key to future happiness for all countries is to create wealth and happiness by doing business *from a distance*, preventing hyper-mobility and hyper-diversity
9. There is less cultural conflict thanks to high quality, real-time, mobile translators. Language is not a cultural barrier anymore
10. Macho societies are a relic of the past. Gay friendly societies have a huge economic advantage for being open

DUD



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ENERGY & THE CITY PREDICTIONS. AROUND 2025...

1. Most countries have created local, green and mini energy sources. A mix of renewables & clean fossil, bio-generated energy and body energy. This cheap and abundant Energy Unlimited has caused a global economic boom. It created millions of well-paid jobs worldwide, restored nature, reduced oil money used for terrorism and stimulated the rise of a middle class in emerging economies
2. The use of product printers (personal factories), social robots (no commuting traffic) and virtual mobility (screen travel) has greatly reduced global transport. This contributed to the global economic boom
3. Most expensive, large, high-security energy plants are closed down. Small, mini, cheap 'household versions' of any energy source are standard
4. Most countries have increased the low efficiency of existing energy sources
5. Most countries have banned consumer subsidies for energy. Instead, they used the money to develop cheap and high quality energy alternatives
6. Most countries have banned CO₂ taxing and CO₂ storage. Instead, they developed tools to turn CO₂ into fuel
7. All new Asian mega-cities are largely self-sustainable in energy, raw materials and food. 'Urban farms' are standard.
8. Your house is your personal energy factory. It produces local energy. Your house is off grid, is 'unplugged'. You share any extra energy with the neighbours
9. Your car is self-driving and electric. It is 'plugged'. You tank at home. The car is the battery of the house
10. Your body is your personal energy factory. Walking around produces energy for your mobile and clothes

Predictions

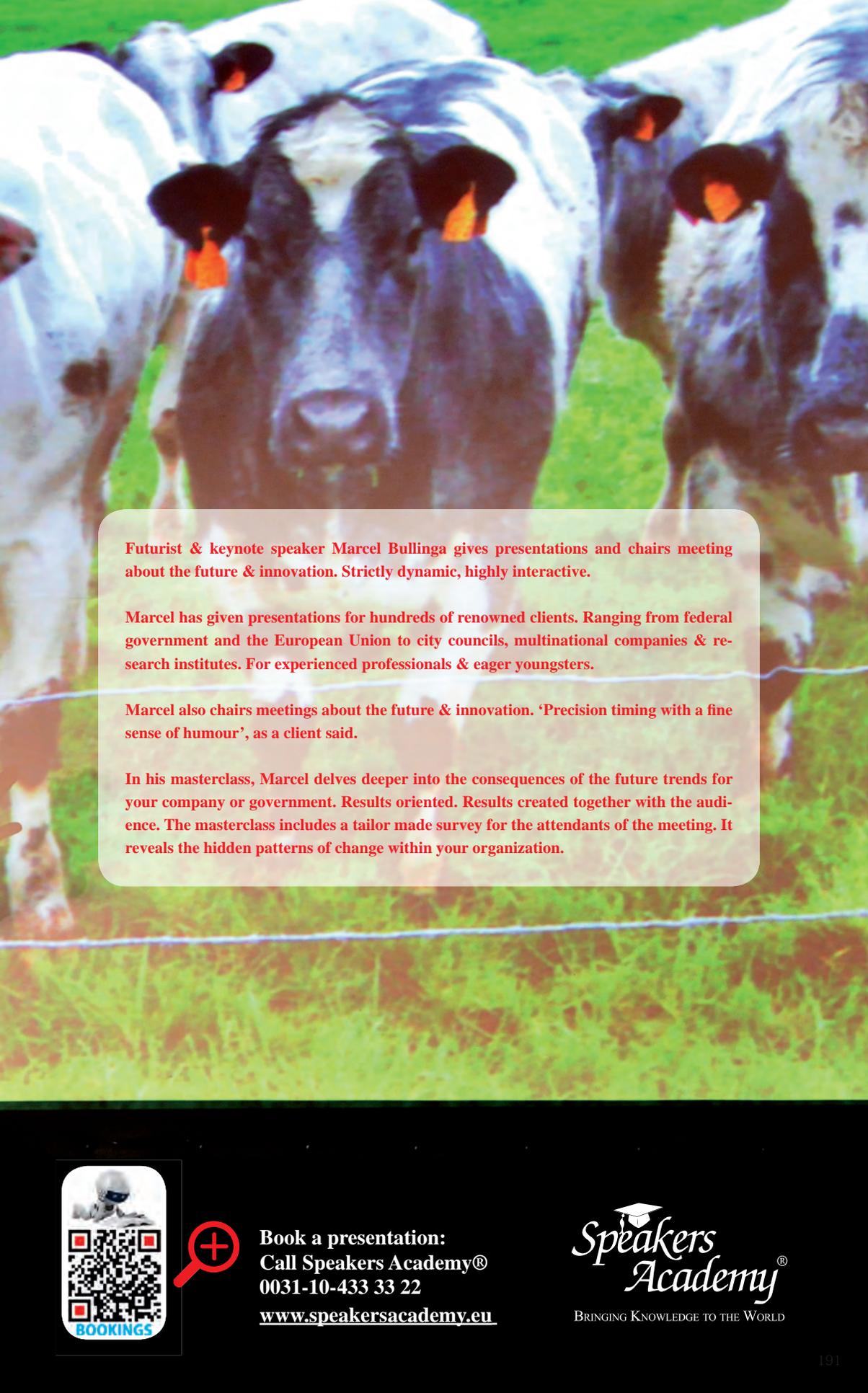


Happy futuring!

A man in a light-colored blazer and a t-shirt with 'TURE' and 'ECK' on it is presenting. Behind him is a large projection screen showing a herd of cows in a field. The text 'MARCEL BULLINGA LIVE!' is overlaid on the screen. In the bottom left corner, there is a small white robot figure sitting at a desk.

MARCEL BULLINGA LIVE!





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