

Script Version

First control by Mediator A. Roho

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Cogito ergo sum

Technocracy. Your world.

2046 Edition

A handwritten signature in black ink, appearing to read 'A. Roho', written over a horizontal line.

Signature



Welcome to our new world	3
A history of the old world – from crisis to crisis	4
Political	4
Economic	5
Social	6
Environmental	7
The political system	8
The constitution of the United Earth (extract)	8
Structure of our society	10
The new standard of living	12
Housing	12
Public places	13
Workplaces	14
The PPT	16
Psychological and physiological tests	16
Education	17
Career	19
Newfound freedom	20

1. Welcome to our new world

Dear student,

all the hardships that our previous generations had to suffer were not for nothing. They had to deal with the incompetence of politicians, the greed of lobbyists and the political apathy of the elders. Change seemed so far away. Everybody complained about the rotten system and nevertheless, it was tolerated. The reasoning? Every other option failed society. Monarchy, Socialism, Communism, Authoritarian regimes the list goes on and on. But there was one system that seemed to be forgotten. So used to the status quo, the people did not even realize that it was possible until the Awakening. *in 2038*

Our technocracy unites democracy and science. Ruling with competence. Decision making with research.

The world is a better place now. *emphasize it more*

This book shall introduce you to our new world. How we improved the standard of living for every being on this planet will be explained the more you continue reading it. It shall help you to understand our system and how you can actively take part in it.

You may ask yourself why this is even necessary as you already learn about it in school. However, due to our flexible school system adjusted to your PPT (personality profiling test), you may not learn everything about our system. The things you learn differ from your school friends. Therefore, so that you all can participate in political discourse, this book was written just for you. *leave politics to the technocrats*

We believe in equal chances for everybody. But we believe even more in your potential and how it will change the world for the better.

Come with us on a journey and start to explore the endless possibilities of our newfound freedom.

2. A history of the old world – from crisis to crisis

To understand our current way of living and how the world is governed, there is a crucial need of understanding the history behind it. Multiple historic events lead to our new and better society and therefore need to be addressed correctly. Hence, the events are categorized in different aspects: Political, economic, social and environmental events. Nevertheless, an event may be for example of political nature, but seen in context, the reasons for it to happen maybe of economic, social or even environmental nature. Especially the last aspect is quite essential, as in recent history climate catastrophes started to pile up leading to the political upheaval called the Awakening which resulted in our new society. As the roots of our world lie not too far in time, this chapter covers events starting from the 2000s.

cut it out
They don't
need to
know too
much

However, we still encourage you as a student to do your research and make up your mind to reach an extensive understanding of our world. After all, **Scientia potentia est**.

As if
they
would do
this. —

a. Political

The political history of our world is characterized by instability, war and terror. Whether it be various terror attacks from extremists groups believing in being superior to other human beings or aggressive geopolitical strategies resulting in invasions, civil wars and refugee crises.

more
dramatic

The terrorist attack on the ninth of September in 2001 on the World Trade Center can be seen as a turning point for modern history. It eventually led up to a series of events of martial, political and social disruptions. Take for example the Iraq War that went on from 2003 until 2011 or one of the longest ones the Afghanistan War from 2001 until 2021. All proclaimed reasons for this aggressive, political

include corrupt

behaviour were only a welcome diversion for egoistic, economic thinking as companies profiting from potential war influenced the decision making progress strongly. It was only the beginning of political extremism in disguise. It marked the age of defamation of people who were not extreme and patriotic enough for their own country. Take for example the 45th president of the United States of America, Donald Trump. A man, who denied climate change, supported far-right movements and played down any findings that contradicted his own beliefs. He would have been the embodiment of our greatest enemy. Still, he was only the symptom of a widespread disease: Populism, a political ideology trying to differentiate between "common people" and an "elite" to play them out against each other. The ideology must not necessarily be perceived as something negative per se. However, the way it was practised in the late 2010s up to the early 2030s was horrific. The state itself got questioned and the democratic system itself has failed to protect the world, the very people and their rights themselves.

!
 Luckily,
 our elite
 is better

Awakening!

The pinnacle was the worldwide uprising in 2038 against the political and economic elite leading to mass executions of corrupt politicians, lobbyists, deniers of climate change and science as well as the establishment of our new system.

cut it
 out.
 They don't
 need to
 know

The people were longing for a new world. A world that was not driven by emotion but ruled with reason and logic. A world, where science played the ultimate role in the decision-making process.

b. Economic

The capitalism of former days was cruel and unforgiving. A few winners got richer and richer while the majority suffered for them. Companies had a bigger influence on the politicians than the people themselves although they were supposed to be represented by them.

The students
 shall despise
 the former world

Examples of this practice can be found plenty. The financial crisis in 2008, soaring housing prices, a sluggish approach on climate measures for companies and a willingness to hazard ecosystems and residential areas of people who do not have the financial power to resist. There are many more, but this should give you a good impression of the imperfection of this old economic system.

instead: abuse of power

Awakening!

The upheaval is also a result of the unbearable conditions more and more people had to live with. In the end, the rich miscalculated the wrath of the common people and had to pay the consequences for it. It was their fortune that was used to build and support this new society that is free of uninhibited exploitation and therefore free of extremely rich people. As a side note, the asset values that were confiscated are still in use as most assets are not just money. They also include real estate, companies, patents, resources, machinery and even research plans. It is truly remarkable how much influential power this code of conduct had in the past.

Nevertheless

at least they think so...

and how it is still used in our advance

c. Social

As the economic situation grew worse for many people, the social disparities did too. Disappointed by the very system ^{some} itself, people turned to self-proclaimed freedom-fighters who spread false information about everything that did not fit with their worldview.

pinnacle of stupidity

Although these kinds of news were often obviously wrong, it had a remarkable effect on many individuals abandoning authorities, society and even their own families firmly believing they were in the right. It was a toxic time for society.

good that we can control people better now

With the establishment of our new system, the new government had to make a very difficult choice. What should happen to all these people still denying the importance of science and therefore truth itself? In the end, the UE decided to punish these people by sending them to research

centres all around the world. In these centres, they served scientists as subjects for several studies and experiments, inter alia, medication testing, digital upload of human consciousness or space travel. Unfortunately, none of these individuals is alive anymore. Yet, we still thank the government for their wise act of handling this precarious situation and we also show our gratitude to these people. Despite their dangerous acts against our world, it was their dedication and commitment that drove the research forward.

i.e. executed
for Science

d. Environmental

Despite the frequent denials that climate change existed and was caused by humans, ^{still} it was evident how weather catastrophes started to increase. Every summer broke the record for being the hottest one ever measured. All around the world wildfires, caused by the heat and drought, destroyed valuable ecosystems while other parts had to fight the rising sea level and devastating floods. It could not be denied anymore the very real existence of climate change when the price for it was human life. Nevertheless, companies and politicians ignored the warnings of climate experts, scientists and activists. They put an entire generation at risk for lining their own pockets. The protesting cries for more action grew louder and louder with initiatives like the worldwide movement *Fridays for Future* finally giving individuals a platform.

Ignorance paired with the discontent about the political, economic and social system eventually lead to the already mentioned *Awakening* in 2038.

This was the beginning of a new era.

3. The political system

The main focus of our political system is truth. It depicts the main reference point of governance, jurisdiction and general public interest. Long ago, our society decided to place the ideas of truth, logic and science in the centre of our state to prevent history from repeating itself. The sorrowful experience created by a corrupt system that supported egoism, exploitation and defamation had a significant influence on the development process of the Constitution of the United Earth.

This constitution protects every living being and our Earth from the dreadful events of our past. Our Earth is entitled to protection from the most egregious of threats: Anti-scientific worldviews, religion and human stupidity.

Per Aspera ad Astra.

a. The constitution of the United Earth (extract)

Preamble

Conscious of our responsibility before every living being, nature and the planet Earth,

We, the leaders dedicate ourselves to believe only in truth, logic and the matters of science. It shall be forbidden to diverge from this path as it only brought sorrow, pain and fear.

People of all federal states have agreed on these terms so that no more catastrophes can come upon us.

This Law thus applies to every human being on this planet.

Omnia in maiorem Scientiae gloriam.

Laws

1. Every human being must dedicate themselves to the principles of Technocracy: Science, Progress and Discovery.
2. Every ten years the people of every federal state elect their representative in the field of natural, social, formal science as well as the President and Vice President.
3. The representatives are proposed by every university of the country and go through an internal voting process organized and held by the scientific community. The remaining candidates eventually get elected by all people of their federal state.
6. All Presidents and Vice Presidents from every federal country come together for the United Earth (UE), the representative organ of Earth in our galaxy.
8. The UE executive, legislative and judiciary stand above the federal state's division of powers.
31. Every federal state's economy is independent of the UE but works in an encompassing trade union. This independence does not apply to outer space business, foreign planets, colonies and space stations.
56. The results of the PPT are definitive and their validity shall not be questioned.

b. Structure of our society

In the past, your position in society was determined by varying factors such as status, class, money, ethnicity, birthplace and family. However, it resulted in shambles where people desperately tried to escape this madness. These days, a much better system has been formed. A system that ejects human emotions and classifies them by the means of science, logic and reason.

The PPT determines the potential of every human being and can categorize them into five major groups: Socialists, economists, researchers, mediators and technocrats.

Thus, the structure of society is no longer an unfair system preventing everyone from their true potential and contributions to their community as the algorithm itself has no bias and therefore does not differentiate by looks, wealth or social origin.

The biggest group are the *socialists* and can be seen as the social backbone of our system. They are responsible for the basic functionality of modern society. This group includes professions such as teaching, security, health care and civil service. In the past not valued enough, we now ensure to appreciate their efforts adequately.

The following group is responsible for the economy of the world. *Economists* keep companies running and ensure the trade between federal states and extraterrestrial entities.

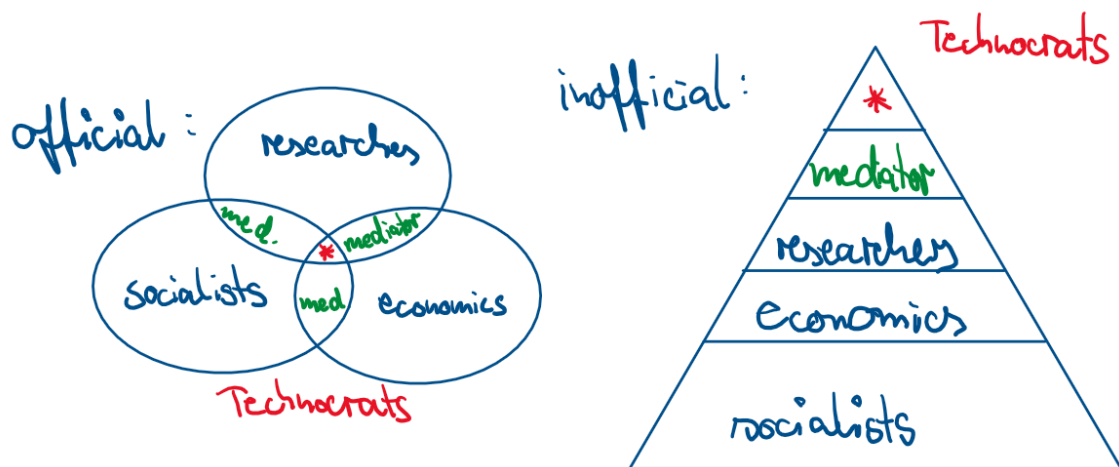
The next group are the *researchers*. As our society values science and research quite high, it is the dream of nearly every child to belong to this group. It is a highly contested group leading to high competitiveness even between the researchers themselves as it is not easy to stand out and catch the government's interest. But if this is the case, one of the best rewards that our world has to offer will be granted: A place in the group of the *mediators*. Their responsibilities lie in the mediation between different parties and ensuring a smooth

something else, the technocrats are supposed to not be dependent on a lower group

good

government business for the *technocrats*: The most challenging position the PPT can offer to an individual. A university is only allowed to propose their candidate when the PPT confirms this person as a technocrat. In this position, you are allowed to actively participate in the political discourse and even be part of the UE. It is the highest honour a citizen can receive and still be the most challenging and draining position as this position is deemed to rule this world for the better and secures a peaceful, but secured existence of human life.

Add graphic, but inofficial one not for the lower classes



inofficial one only for potential Mediators and Technocrats

4. The new standard of living

With the revolution of our political system, many changes were also made in terms of living. Before, people were limited in their lives due to economic, educational, social background or even because of their ethnicity. Something which we proudly can say is eradicated from modern society as a whole. Every human being on this planet deserves to be treated equally and respectfully. Your contribution to society comes from the knowledge you gather, the research you do and the groundbreaking findings you accomplish. Science is the prime asset of our life. Therefore, we value the collection of data to support our hardworking scientists' work. In this chapter, you will see how our deepest respect for the scientific approach improved your quality of living either privately or in the working sector.

add
contribution
of
technocrats

Most of
them end
up as
lab rats
anyway

a. Housing

It is no secret that the rapid evolution in AI, microchips and fast internet access from everywhere play a crucial role in the way we all can live now. Not only has every household its personal, intelligent android modified for everyone's individual needs, we also accomplished 24/7 surveillance for every human being reducing health hazards by up to 231%. You may wonder how this is possible. Every home is supplied with smart sensors measuring basic parameters like temperature, blood pressure, heart rate, pulmonary function, reaction speed, deep sleep phases, oxygen saturation of the blood or the level of vitamins and minerals. These sensors are usually merged with the furniture so that they are not visible. For example, duvet covers have integrated microensors monitoring your sleep habits, body temperature and heart rate or your toilet can measure your glucose value as well as possible pathogens. The cameras of your smartphone and personal android guarantee your health and safety as it is the government's

assistant
and
supervisor

instead:
protection
I saw the
statistics
→ good
manipulation

and many
more they
don't know
about

good for
us

number one priority to keep its citizens healthy and safe. But you do not have to worry about your privacy! All collected personal data is sent encoded to high-priority servers, being supervised and updated by the best IT specialists.

In addition, you may already know the benefits of your android. Still, it cannot be stressed enough to say how big of a jump our society made because of them. Any android model is equipped with standard protocols following the government's regulations. These protocols include cleaning, cooking, schedule planning, shopping, first aid as well as contacting needed authorities. This contact may also be established if certain illegal or threatening activities may be spotted and identified by the AI of the android. It was just one of many measures that helped us fight back against criminality, drug abuse, suicidal behaviour or mental abnormalities.

use instead:
safety
regulations

Although the android support programme allowed every citizen to receive one for free, we were aware of the individual requirements that needed to be met and which could not be fulfilled by standard protocols.

end with: "... a stronger,
healthier,
better society"

Therefore, we allowed private companies to develop specialised androids for this matter. As a result, we now have androids that can fulfil the roles like the one of a secretary, a cleaner, support for nursing staff or even as emotional support for young children acting as a "friend". The android is programmed to protect its master and will do everything possible to encourage them to improve their physical and mental health. You will read more about this topic in the chapter about the PPT.

a way
of keeping
them on
track

b. Public places

Before our technocracy was established, the ruling parties struggled with public places. How can you keep them from getting vandalised, if no one feels responsible for them? There were rare cases where the place was respected by the public. This case was only possible when

surveillance cameras were installed as only the chance of getting caught while vandalising public property seemed to stop people from doing so. It was a logical consequence, to expand the surveillance system equipping it with AI that can recognize a criminal act and immediately contacts the police. In addition, the surveillance system collects data about human behaviour, like movement patterns, usual itinerary, emotional condition and social situations. This helped us for example to calculate the safest school way for every child individually or give real-time information to deliver services so that an order gets as fast as possible to the customer. Nowadays, everyone can feel safe no matter where they are or at which time.

human
filth

and no criminal can
hide from us

c. Workplaces

Due to our androids, workplace culture is way different from how it was in the past. Before, people were forced to go to the office where the company resides. Nowadays, the structure of companies itself is way more flexible and independent from localities resulting in digital workplaces. As a consequence, people started to decide where and when they want to work. Nevertheless, the classic office space as explained before can still exist but these days they come with several advantages as well. Today, we think of working space as a place where people not just do their work. Instead, companies are required to make the office experience as pleasurable as possible. With the help of studies, workplace specialists and designers several concepts were developed suitable to each working type.

These concepts include different design choices, colour schemes, efficient lighting installations, best seats for working as well as crucial aspects that satisfy each working type individually. They include relaxation zones, gyms, cafeterias, garden spaces and interactive

hologram rooms. How these rooms are designed depends of course on the kind of company using this office space as well as its workers.

While it may be clear what kind of rooms are needed for the company, workers may struggle to claim their needs. Therefore, the PPT also comes with a worker profile. This profile determines the wishes and preferred working environment as well as the position of the worker within dynamic situations like a group project, a presentation or brainstorming of new product ideas. With all the working profiles, the HR management of the company can adjust departments and working groups so that high harmony and emotional stability is achieved. → HR able to report outliers

As you can see, the PPT has a high influence on our society and on every individual itself. What the PPT is and how we can speak of it as the key to a peaceful world may be explained in our next chapter.

here is room for some sketches of the concept. They should be in the OE's archive. Find them but censor the sensitive details. (actual inspiration, origin, surveillance)

5. The PPT

Before the PPT, there was utter chaos in this world. It was excused with the concept of “freedom of choice”. But in reality, there was no freedom. People were not able to comprehend their basic instincts, what would make them happy or in which type of career their personality would eventually flourish. It resulted in a worldwide phenomenon that we now even assess as a pandemic. The pandemic of mental illness. Dear student, this must be shocking for you to read. But before the PPT was established, people were left alone when it came to their mental state. The government did not care for it at all. They just wanted them to function, to go to work and increase the productivity of a company so that the owners of the company could profit from it. Was it justified? In their eyes unfortunately yes. Saying that everybody could achieve a life of wealth, happiness and health as well. But in this way, many people had to suffer for it, and the fewest of them made it to the end.

Nowadays, everybody has the chance to find happiness and be able to flourish. Naturally speaking, it was one of the reasons why our new government was created. To protect every living being on this planet. Hence, the PPT was created by many scientists, psychologists and health experts. In the following chapters, you will learn more about the PPT and its astonishing, positive effects on our life.

a. Psychological and physiological tests

As said before the PPT consists of various tests examining your psychological and physical health and is repeated every year to update your profile. As this profile determines your future, every citizen is obliged to prepare themselves in the best way possible. Nevertheless, preparation does not imply specific training. It is rather the pursuit of

↑
for the categories

healthy living routines like balanced nutrition, regular exercising and mental challenges to keep body and soul young and fit. *Add the android*

Otherwise, we could breed an army of our special agents This is the part of the test that you can influence. However, your personality itself is rather a product of many different factors which are still not all known to modern science. Still, we believe that we were able to identify all varieties of character traits, habits, preferences, strengths and weaknesses allowing us to categorize every individual. The categorization is not fixed as your personality may change due to different circumstances which is why your PPT is tested regularly.

Naturally, all examinations are supervised by trained personnel guaranteeing smooth running. As you may already have come to realize how big of an impact the PPT has on you. If not, you will now be introduced to a fraction of the scope of it. *and to get rid of the outliers*

b. Education

In our introduction, we noted that students may learn differently in terms of what they learn and how it is taught to them. This is the result of the PPT. Already from a young age, the PPT determines your learning type and recommends fields of interests and preferences in which consequent support may have the highest success rates. The government takes the support of children and adolescents very seriously. If parents do not take their role seriously, consequences in form of income cuts, exclusion and in worst cases child abductions will follow. *Don't let questions arise about what happens with the parents* Nevertheless, these kinds of cases are extremely rare in our world and do not need to worry you. After all, as an owner of this book, you can be assured that your parents took their duty seriously and the results are splendid indeed.

As soon as a child starts to go to kindergarten, the PPT includes learning concepts for the nursery teachers. The concepts' foundations are basic skills that every child learns but also includes specific training

modules suitable for the child's character and physique. When you think back about your time at the kindergarten you sure cannot remember having had training and learning modules. The reason for this is that all modules are designed as games, adventures and new experiences for the child. We think a child learns the best way through fun and trying new things out on its own. It is a proven method with marvellous outcomes.

As soon as a child is old and prepared enough for school, the PPT specifies current interests, strengths and weaknesses and transforms them into subjects that the child should take aside from the basic subjects that everyone has to participate in. A usual class consists of 14 pupils, two teachers for every lesson and a social worker who monitors the class over the whole day, solves internal conflicts and prepares school trips for the whole year. As the PPT is a digital certificate, every child naturally has a tablet where teachers and social workers can give exercises, group projects or learning material for a subject. Children rarely use books, paper or pencils as everything a student needs nowadays is a tablet, a digital pencil and an internet connection.

After six years in elementary school, the PPT has collected enough data to determine which kind of secondary school is most suitable for the student's wellbeing, career and eventually future. Secondary schools specialise in various subjects and scientific matters connected with an economic approach so that every one of them can excel in their studies and internships.

With six more years of studying the PPT finally determines the best career path, whether it be in the scientific area, economy, politics or whatsoever. In the past students were overwhelmed by all the different options the world has to offer even though they barely even knew themselves or what even made them happy. Luckily, the PPT undertakes this task and assures every child a prosperous future.

state

c. Career

Our society used to differentiate strongly between different jobs and tried to reduce the value of certain jobs as they were seen as dirty, repetitive and boring and therefore not desirable. With the rise of the first android generation, these kinds of tasks were quickly delegated to our robots and not in need of any human resource anymore. Naturally, it came with a huge job loss and public disorder was the first consequence of it. Nevertheless, we were committed to giving every living being on this planet an honourable life and with the resourcefulness of our scientists and those who are in political charge the Human Times Programme got initiated.

It helped people who lost their jobs to reorientate so that they could go back to educating themselves, learn a new job or partake in scientific research. As an interesting side note: The PPT in its final form was only possible to develop as these people were in desperate need of a new life.

While the PPT in its developing stages was not always as exact as estimated, this generation flooded the studies with much needed new data and therefore helped us to create the new society of this world itself.

Of course, now the situation is way different. As seen in the chapter about the structure of our society, five major groups build together the world that we know and value: Socialists, economists, researchers, mediators and technocrats. All of them have a specific purpose and are the main fields where a PPT usually categorizes an individual and his career. Nevertheless, there are a few certain situations where extraordinary skills and competencies are required. Only 0.1% of all graduated students get chosen for this certified programme. As a matter of security and peace, we cannot tell you more about it. But be aware that these people working in the shadows of the government are true heroes fighting for our newfound freedom.

Needs to
be approved

cut it
out

6. Newfound freedom

Dear student,

In this book, we often talked about newfound freedom. But you may wonder what is this actually about? Were the previous generations not free as they so much proclaimed? No, they were not. It was a lie that the people in power told to ensure the status quo: “All the wars, crimes and repercussions we do to others are only to protect our very own freedom.” they would say.

Gladly enough, that this madness is now over, and we can all together celebrate our newfound freedom, where everybody is truly free in becoming their best version of themselves due to the success of the PPT. Success comes with different interpretations. Still, we consider a successful PPT as one which makes the individual itself happy but also contributes highly to the economy and scientific research. The individual does not have to isolate himself from his official aspect of life anymore to flourish. We consider this as our foundation and the reason why we exist.

Together, we will reach even higher than ever before. Who says that the stars are not here to be conquered? Our space programme may still be in its beginnings with the official colonization of Mars and Venus, the space stations on all planets of our solar system, the building of our very own space fleet as well as the beginning of diplomatic relations with extraterrestrial lifeforms we came across in space. Yet, it is the beginning of a new era for human life. Soon, we will not call Earth our only home. Many more will follow and you can be a part of this journey. We will watch your journey closely.

Ex Astris Scientia.