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SENSE

Digital Darwinism



UNRAVEL TOMORROW

INSIGHT

01



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one

INSIGHT_ONE

HEADER:

DIGITAL COSMOS AS A COMMON

BE DIRECT

The digital world is becoming more important yet not everyone have the same access or resources to operate it.

BE EMOTIONAL

The digital is a global first language, that everyone should have the right to speak.



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INSIGHT_ONE

QUESTION 01:

What is the role of the people in the digital cosmos?

QUESTION 03:

How might the moral aspect keep the pace of the digital evolution?

QUESTION 05:

How do we make sure we're not making the same societal mistakes in terms of inclusiveness in the digital world as in the analog world?

QUESTION 02:

Can we change society through its digital foundation?

QUESTION 04:

How do we make sure to include the ones who don't have access?



INSIGHT ONE DESCRIPTION

Algorithms are the nuts and bolts of the future, we live in an era where science fiction is becoming science fact and recent advances in technologies blur the lines between analog and digital. We have digital incorporated in our society on all levels. From the way we educate children in school, the way treat people at hospitals and to the changing behaviour of how we communicate.

Where access and knowledge of the digital can create integration instead of segregation, all individuals would benefit of having the necessary knowledge and access to the digital domain.

It is not about the technical skill set we can obtain itself, it's about the democratization in society when shifting from ownership to access.

The importance of access when operating in the landscape of digital darwinism will be the way to thrive.



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IMPLICATIONS FOR THE PIONEERS

CHALLENGES:

- + Create access and knowledge to everyone
- + Educate and reach the one who needs it's most i.e harder to find
- + Fast change in new technologies

SKILLS:

- + Pedagogical skills
- + Tolerant and inclusive
- + Engaging the audience

POTENTIAL:

- + decreasing inequality
- + have a global language that is the same world wide
- + shifting from ownership

REGION / Digital Darwinism

SIC



“The future needs to be a place where we allow for the complexity and diversity”

No good comes from trying to categorize everything

DESCRIPTION /

“With the developing Artificial Intelligence technologies the world is becoming more and more complex and nobody really understands how they work, but yet - they are there serving some really important purposes. I think the same is required from us in a social context - we need to get rid of the nationalistic, idealistic, racist approaches where everybody is trying to categorize world in blacks vs. whites, men vs. women etc. which are all simplifications that do nothing to explain the world. The world is much more complicated. The future needs to be a place where we allow for the complexity and diversity.”

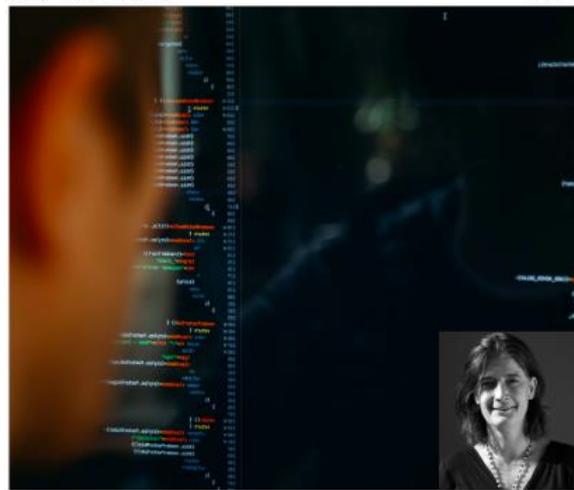
RELEVANCE /

It is the human nature to try to simplify everything in order to be able to comprehend the things that happen around us. This simplification and categorization often leads to unnecessary conflicts and radical views that slows down the development of an inclusive and tolerant global community.

SOURCE / Brandur Karlsson/founder of Frumbygging

REGION / DIGITAL DARWINISM

BESPOKE



“THE DISTRIBUTION OF WEALTH IS ONLY ONE LINE OF CODE”
POSSIBILITIES OF INTERNET AND FREE ACCESS

DESCRIPTION /

“The future is going to be a better place. I think it is already happening [...] The technologies are already there. Today, you only need a laptop and an internet connection to programme something and put it on the internet on open source and with a licence for non-commercial use. This possibility has never happened before in history [...] If we have enough people that really understand what we can build, it can be there within a few years [...] It's a very simple algorithm. Every single person gets the same share. The only condition is that you have to be a human being and alive”.

RELEVANCE /

According to Hilde Latour, the technologies are already here. What now matters is education and innovation. We are enough to change the world. For Hilde Latour, we need to design an inclusive technological and economic infrastructure that generates wealth for all. We need to take the human out of the equation and leave it to the machines through an inclusive and fair design.

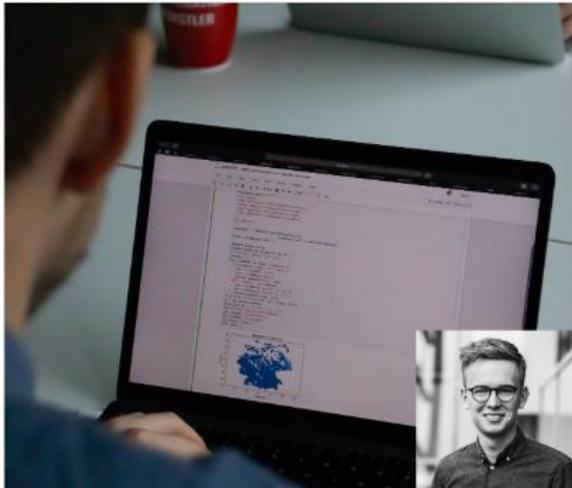
SOURCE / <http://www.welcometothefuture.org/aboutus.html>



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IMPORTANCE OF TECH SKILLS IN THE FUTURE

Why we think tech-skills should be part of basic education

DESCRIPTION /

Digitalisation is one of the biggest topics worldwide right now and has reached society in a broad way. We are all using technology every day, especially in the business area, digitalization has become more important than ever. But only a few people have the necessary IT-skills. Digital education will be one of the most important skills, also in both the political landscape and in the business world. At TechLabs we want to fill this gap and are convinced, that tech skills are a crucial skill in the future. Our aim is mainly to educate people in IT fundamentals, so they are able e.g. to communicate via internal technologies, efficient tools or to understand IT jargon in the office.

RELEVANCE /

The world and daily processes become more and more digital. Our generation has shaped a digital cosmos, but we lack to understand it. Tech skills should be a solid part of basic education in the future. It is key in almost every field of work: medicine, business, politics, etc. Digital skills can be even necessary for understanding e.g. political processes, so it might be a crucial skill in the future to engage actively in society.

SOURCE / Interview with David Mitterbach, January 2019



Demystifying the digital

The challenge of reaching a digitally egalitarian world

DESCRIPTION /

"Each session is designed so the women link in with every process, link in with every skill, they don't realise what they're actually gaining".

"Digital isn't just artificial intelligence, it's everything that we do, so it's getting them to understand that digital is not as scary as they think, it's a part of our everyday life, it's just how you use it"

"One course opens up their minds, you can see the impact".

RELEVANCE /

We take for granted that everyone by now, should know how to use, for example, Microsoft Office, but not everyone does, so if you've never written in a word document, or don't even know how to open or save it, to go from that to editing a piece of audio, knowing how to upload it into the system, even knowing how to research in Google and understanding search engines and fact checking.

SOURCE / Interview Nigam Adams



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two

INSIGHT_TWO

HEADER:

BUILDING FERTILE GROUND

BE DIRECT

Skills, network, team and culture are all important features when building a fertile ground for solving complex challenges.

BE EMOTIONAL

An adaptive and growth mindset is the nutrient when building fertile ground.



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INSIGHT_TWO

QUESTION 01:

How could we build a better future through its digital foundation?

QUESTION 03:

What is the best way to support mixed ideas within a community?

QUESTION 05:

How do you create access and knowledge for everyone?

QUESTION 02:

How could we connect and support the balance between vision and practise?

QUESTION 04:

How do make sure we are not treating the symptom rather thancore of the problem?



INSIGHT TWO DESCRIPTION

Skills, network, team and culture are all important features when building fertile ground.

In order to cultivate fertile ground that is fostering persisting and rewarding ideas it is critical to have a climate that supports the whole ecosystem.

it is important to create a culture that supports change and encourages people to co-create. In co-creation people need to have an adaptive mindset which means to see possibilities rather than obstacles. A culture like that needs a safe environment where you can build on others ideas, test them out and iterate together. A collective, diverse mindset represents different perspectives that is able to tackle more problems in a creative way.

Digital darwinism speaks to how we should be able to adapt in an era where the digital is changing rapidly. It will not be as important to perfectionise a certain skill but rather have the ability to adjust and adapt in an ever changing digital landscape.



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IMPLICATIONS FOR THE PIONEERS

CHALLENGES:

- + Treating not only the symptoms
- + Focusing not only on the details
- + Lacking diversity

SKILLS:

- + Growth mindset / Education about it
- + Collaboration and co-create
- + The social innovator missionary

POTENTIAL:

- + Disrupting the social construct
- + Great innovation that last
- + Culture supporting change



WE WANT TO EDUCATE TECH-SKILLS FOR EVERYONE, FOR FREE
The importance of community and a common vision

DESCRIPTION /

What holds a team together? A common vision. It is a fundamental force, that drives and gives us energy day to day. Our vision at TechLabs is to educate young people to attain tech-skills for a digital future. This vision has shaped the whole community within TechLabs and is also the number one criteria: every volunteer should stand behind it. As there are not so many possibilities for young people to attain tech-skills without signing up for university or paying a lot of money for IT-courses, we founded TechLabs and encourage everyone interested to learn more about the IT world. Our offer is for free and always will be.

RELEVANCE /

We believe in visionary dreams and evolving them together with people, that share the same mindset, can open up very creative processes and even more, help to create a better future to all of us. Giving people the opportunity to learn skills for free and besides becoming part of a growing community, is what drives us at TechLabs.

SOURCE / Interview with David Mühlbacher, January 2019



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CONCEPT OF TECHLABS
Non-profit IT school run by young (student) pioneers

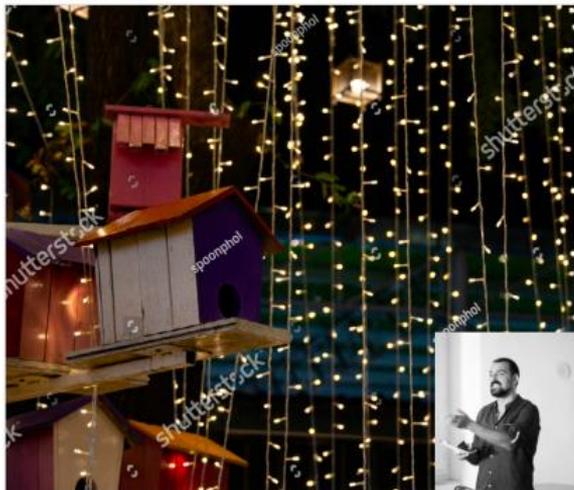
DESCRIPTION /

We educate young people in the IT-field within different tracks: Data science, Web development and Artificial Intelligence. We offer all our tracks for free and therefore need a lot of volunteers to manage TechLabs in the background. We try to focus not only on the content when teaching, but also on the community. The social bonding between the participants is key for motivation and for keeping them in the program. This is one of the main challenges when providing tech skills with an online program. It is really rewarding to see, how quickly the participants improve their skills while working on the track.

RELEVANCE /

Especially young people can create a lot of power when they build a community and work together in a team. Building student organisations and communities for the dissemination of knowledge can be very helpful, also for reinventing the way of teaching.

SOURCE / Interview with David Mühlbacher, January 2019



Innovation is for all
Innovative ideas need the right context to develop

DESCRIPTION /

Thanks to my work, I realised that the level of innovation generated by a specific initiative is higher when also non-institutional actors are involved. It is a fact that non-institutional actors are usually low-structured subjects, if compared with the institutional ones. Despite of that, they show great skill in identifying new elements of innovation and in taking roots in their local context. Hence, an effective initiative requests the right mix of institutional and non-institutional partners.

RELEVANCE /

Innovative ideas are not necessarily generated by expert subjects. What is important is to jump at the opportunity and find the right context and the right competencies to develop innovative ideas.

SOURCE / Davide Agosti



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"Networking is of core importance"

Being an intermediary in a poorly connected network

DESCRIPTION /

"One of the most important skills in my job is networking. You have to have a good networking skills to join the welfare community, the innovation community and also the government or the decision-making community. I feel that communication is a huge challenge in Iceland - municipal and governmental bodies are not communicating well and also locally - there are institutions and people working for the same aim, but not communicating with each other. I put a lot of effort in being in-between all of those stakeholders."

RELEVANCE /

Many European countries face similar challenge - people, organizations and institutions working with a very individualistic approach and not communicating with each other. In such fields as health and welfare it is very important to build strong collaboration networks in order to come to the best possible solution for people who actually need these improvements in their daily lives.

SOURCE / Brandur Karlsson/founder of Frumþjörg

INSIGHT

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three

INSIGHT_THREE

HEADER:

CHANGING FROM THE MIDDLE OUTWARDS

BE DIRECT

Instead of a top-down or bottom-up society model we need to put emphasis upon society as an extension of its individuals and ideas.

BE EMOTIONAL

Changing the system from within. Combine the energy of the people with the power of the state.



INSIGHT_THREE

QUESTION 01:

How could you drive change from within a system that last?

QUESTION 03:

How can we support the vision?

QUESTION 05:

How can we support the shift in a best practise?

QUESTION 02:

How can we organise an entire society?

QUESTION 04:

Is the social entrepreneur also a political agent and is thee aware of its political role?



INSIGHT THREE DESCRIPTION

The digital society creates opportunities to influence and establishes a new social hierarchy. By challenging the top-down approach where the individual is a product of the society. We can, by using already existing technology, distribute the market more evenly by changing it from within.

We need to design an inclusive technological and economic infrastructure that can generate wealth - both social and economical. By shifting from the scenario where the biggest companies like Google and Uber decide how to distribute wealth to a scenario where we all share.

By compiling all the Sustainable Development Goals and looking at them as a common goal for securing planetary integrity and inclusiveness in the society. By realising that we are all here together for the same cause we can change the world together.



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IMPLICATIONS FOR THE PIONEERS

CHALLENGES:

- + Changing the attitude towards an inclusive one
- + Challenging the system from within
- + Handling the friction the change inquires.

SKILLS:

- + Value based mindset
- + Putting yourself in a bigger perspective

POTENTIAL:

- + Changing the infrastructure



WHAT SCENARIO DO WE SUBSCRIBE TO? SHARING ECONOMY OR WINNER-TAKES-IT-ALL? THE SDGs SHOWS US A WAY

DESCRIPTION /

"There is only two scenarios, the first one is the *ubers and the googles* and the other scenario is that we all share. There is nothing in-between" [...] "The biggest challenge is not to become too angry because of a corrupt system. We do not want people to fall into the trap of aggression. We all have a role. We can change the world together. It's a mental challenge. People within small networks are now willing to cooperate. Before there was a lot of competition [...] The sustainable developments goals is a framework where you see all these challenges put together. People are starting to realise there is only one goal, and that is planetary integrity and an inclusive society."

RELEVANCE /

The biggest challenge is mental. We have all the technologies and possibilities to change the present constitution of the world. We just need to realise that we are all here together for the same cause. And that is to secure a planetary integrity for all of us. But we need to realise the impartancy of what kind of scenario we, as a collective, subscribe to. For Hilde Latour, that is to leave the idea of private ownership.

SOURCE / <http://www.erasmus.org/latour.html>



BASIC INCOME CAN HELP US FIGHT INCREASING INEQUALITY AN EFFICIENT TOOL TO REACH THE SDG'S MIGHT BE WITH A BASIC INCOME

DESCRIPTION /

"One of the biggest problems in the world today is the increasing inequality". According to Oxfam (2017), 42 people hold as much wealth as 3.7 billion who make up the poorest half of the world. Many blame these problems on technological inequality and automation. But "one way to solve this problem is a basic income generated by ownerless machines". "Basic income is the most efficient way to eliminate poverty [...] It is a periodic cash-payment you will get every month. It is paid on an individual basis. It increases empowerment & reduces inequality. It should be high enough to meet your basic needs. It has no exclusion criteria. Basic income takes away the needs to survive."

RELEVANCE /

Today, we are made dependent on money. And the only way to earn money is to get a paid job. Money helps us get access to basic needs. As a result, a lot of people accept bullshit jobs, because they have no choice. No bargaining power. Basic income gives the (negative) freedom to say no to dangerous, insecure jobs. And basic income gives empowerment and (positive) freedom to make proper choices.

SOURCE / <http://www.erasmus.org/latour.html>



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REGION / Digital Darwinism

SIC

#valuable

it's everyone's business



“Our-day billionaires hold tremendous influence over social priorities”

The social agenda-setting

DESCRIPTION /

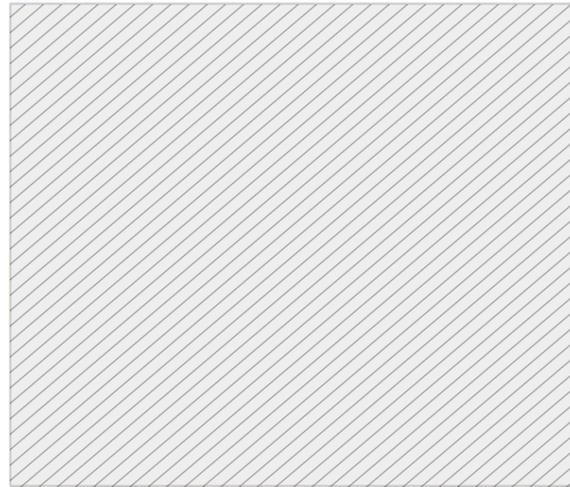
“The super billionaires - Richard Branson, Jeff Bezos, Elon Musk hold tremendous influence over social priorities and the direction we as species are taking. I was very happy to see that Richard Branson among many others was supporting an initiative called #Valuable - rising awareness of the fact that around 1 billion of world's population are people with some kind of disability. Many of those people are not employed. I think that having a goal and purpose in life that comes together with having a job is a huge factor for people's happiness and health.”

RELEVANCE /

There is a huge power in the hands of today's most influential people - billionaires, popular celebrities, social media influencers. They are setting the agenda in many different fields, including social priorities and development of inclusive society.

SOURCE / Brandur Karlsson/founder of Frumbjörg

POLITICAL



SCAN CARD TITLE

HEADLINE TEXT

DESCRIPTION /

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RELEVANCE /

Pellentesque fermentum quam suscipit magna dictum hendrerit. Vestibulum lacinia felis ut urna suscipit imperdiet. Vestibulum vulputate tincidunt ligula, non consectetur nibh fermentum non.

SOURCE / <https://wetransfer.pr.co/163518-wetransfer-launches-content-platform-wepr-esent>



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THE REGION OF:

DIGITAL DARWINISM



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Adaptiveness towards digital

Embracing the digital

SHORT DESCRIPTION OF THE REGION

Digital darwinism is the emergence of a social order where new forms of capital decide who can influence the world.

In the land of Yesterday, the power of influence was mostly determined by formal political power, accumulated capital or support from resourceful organisations.

In Tomorrow's Land, a random viral video and social media followers are added to this list making the influence landscape more volatile and accessible. A new video shared by a top youtuber or a single well-formulated tweet can move policies, money or masses - and anyone can do it.

But anyone is not everyone. The new social structure does not equal an egalitarian utopia it merely redistributes influence to people who are able to successfully manage this new, digital capital. One of our neighbours might dominate next week's political debate with a video getting 1 million views on Youtube while another might be a low paid clickworker on Amazon Mechanical Turk.

Digital Darwinism is the emergence of a new order of influence and skills in the digital world - it is a power structure where digital natives live next to digital immigrants and Some influencers work side by side with Clickworkers.



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A: REGION AMBASSADOR

Hilde Latour organizes hackathons in India for creating tech solutions to social problems, yet she is also involved in spreading the idea of basic income and have a wide perspective on the underlying issues we are faced with.

B: CASE EXAMPLE

David Middlebeck's work with Techlab is a great example of merging and educating different skills, cultures and personas to deal with digital darwinism. The lab exemplifies both insight one and two.

C: FUTURE PRACTICE

The idea of changing society through one line of code is a good future oriented practice. The mapping of society's underlying structures and identification of leverage point in eg. the digital programming provides a potentially powerful tool for change makers.

