



ITAS

Nezmeškajme ďalší vlak!



Umelá Inteligencia

Dott. Andrej Aleksiev, PhD.
IT Asociácia Slovenska

Čo je to umelá inteligencia?

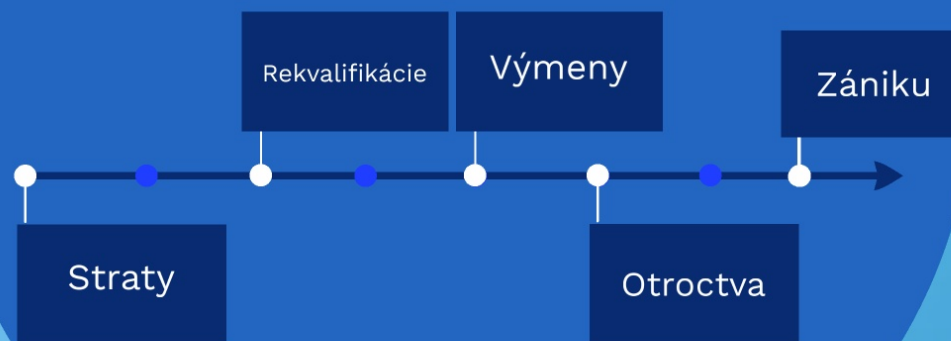
System, ktorý dokáže reagovať na nepredvídateľné scenáre a učiť sa z nových podnetov?



5 mýtov

ČO NIE JE AI?

Čoho sa bojíme?



Čo je to umelá inteligencia?

System, ktorý dokáže reagovať na nepredvídateľné scenáre a učiť sa z nových podnetov?



5 mýtov



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AI = Inovácie

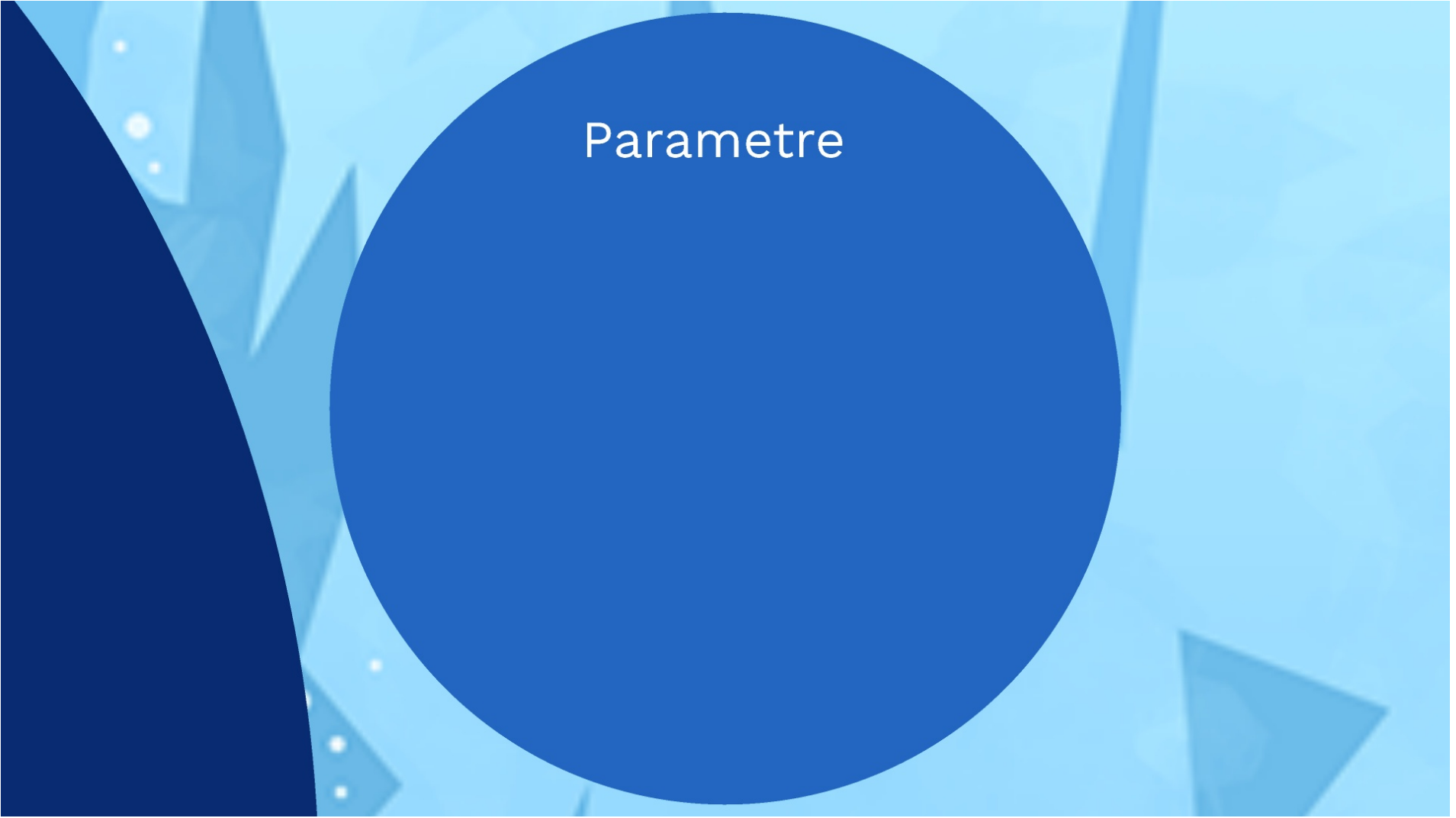
Parametre inovácie - GII:

1. Veda a investície do inovácii
2. Technologický progres
3. Socio-ekonomický dopad

Parametre

Výsledky

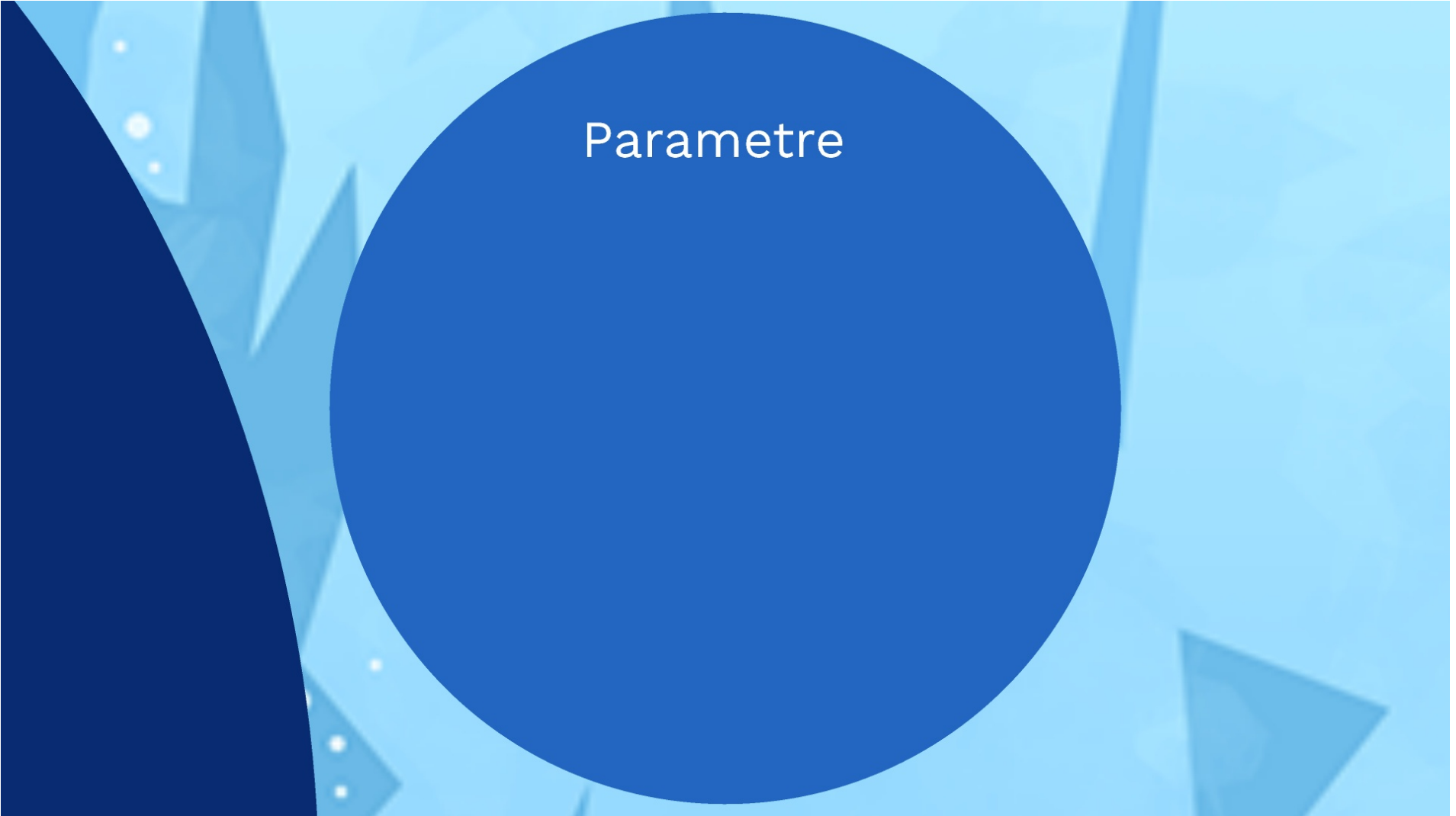




Parametre

Parametre

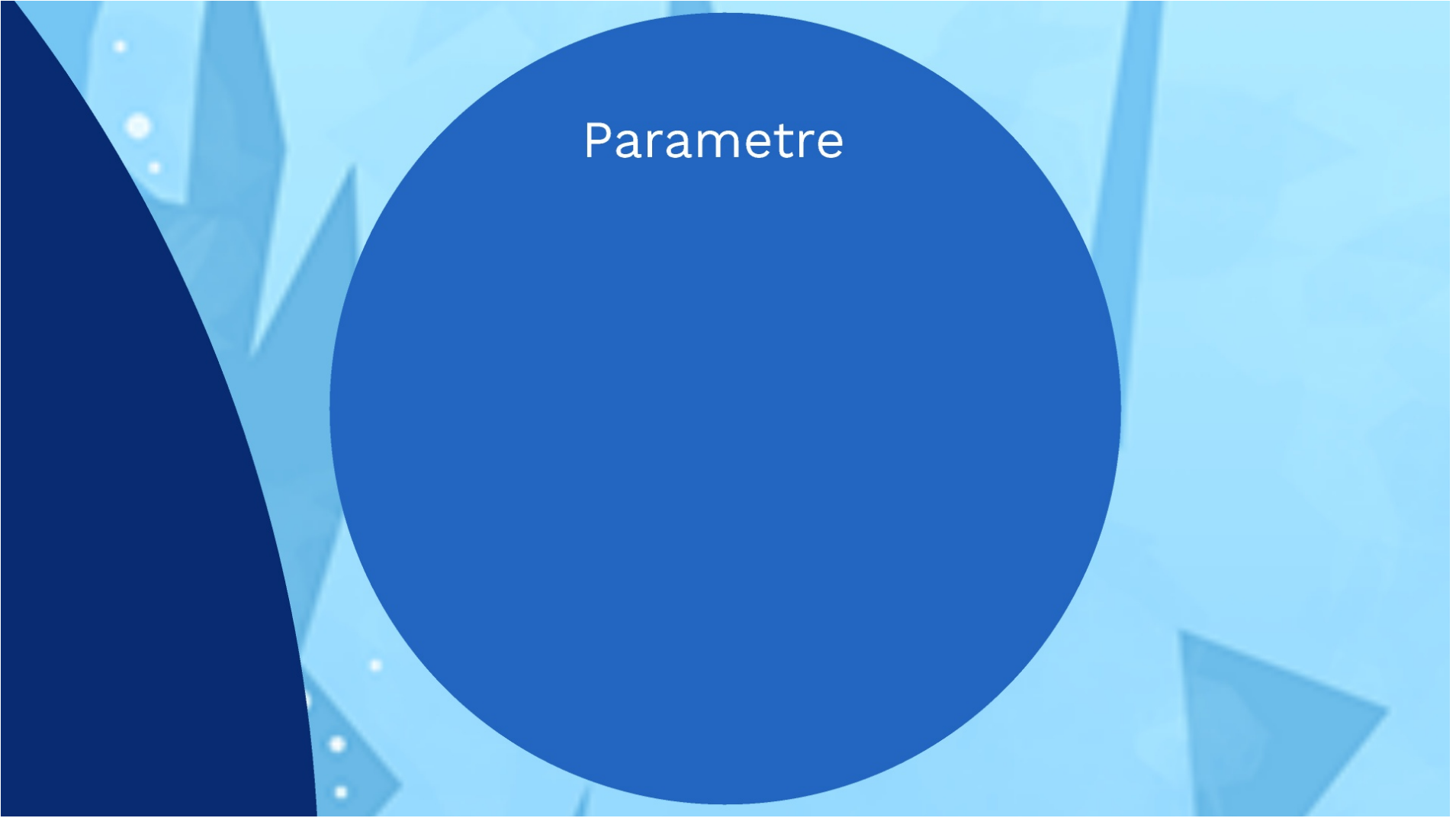
1. Vedecké publikácie (min 7% nárast)
2. Investovanie do vývoja (min 6% nárast)
3. Nové patenty (3%)
4. Venture capitals (5%)



Parametre

Parametre

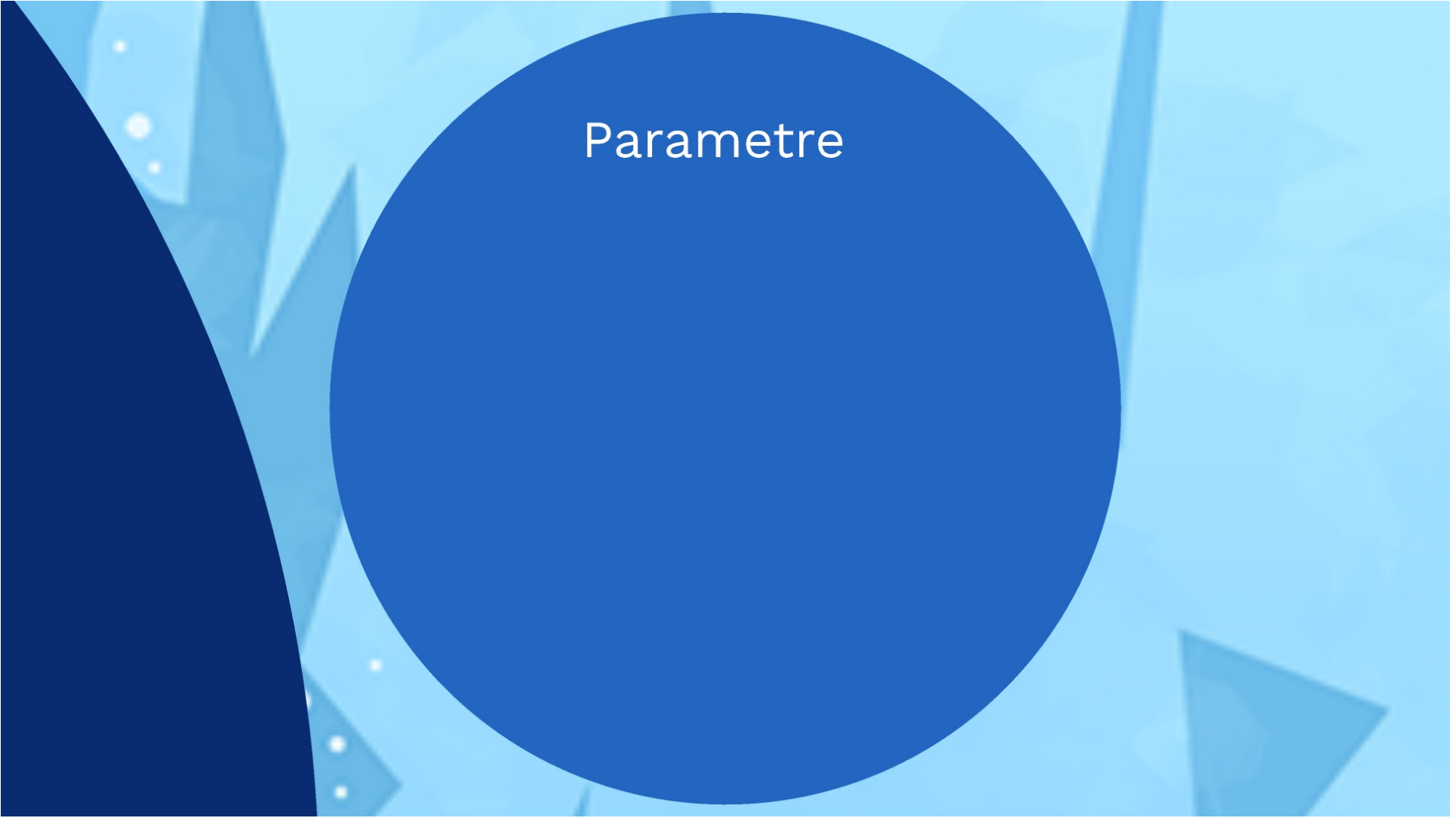
- a. Moorov zákon - kapacita MC (30%)
- b. Ceny energie zo solárnych zdrojov (-13%)
- c. Ceny energie z veterných zdrojov (-9%)
- d. Počet schválených nových liekov (10%)



Parametre

Parametre

- I. Nárast produktivity (4%)
- II. Predĺženie života (0,2%)
- II. Znižovanie CO₂ (-1%)



Parametre

AI = Inovácie

Parametre inovácie - GII:

1. Veda a investície do inovácii
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3. Socio-ekonomický dopad

Parametre

Výsledky



Najinovatívnejšie krajiny

1. Švajčiarsko
2. Švédsko
3. USA
4. Veľká Británia

Najinovatívnejšie krajiny

1. Švajčiarsko
2. Švédsko
3. USA
4. Veľká Británia

37. Slovensko

Najinovatívnejšie krajiny

1. Švajčiarsko
2. Švédsko
3. USA
4. Veľká Británia

37. Slovensko

35. Bulharsko

AI = Inovácie

Parametre inovácie - GII:

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Parametre

Výsledky





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Švajčiarsko = Inovácie

1. Technologické huby nielen pre Švajčiarsko
2. Geografické rozdelenie špecializácie (Lausanne, Zurich, Vaud,..)
3. Univerzity, ktoré pritiahnu zahraničných študentov
4. Administratívna jednoduchosť získania patentu

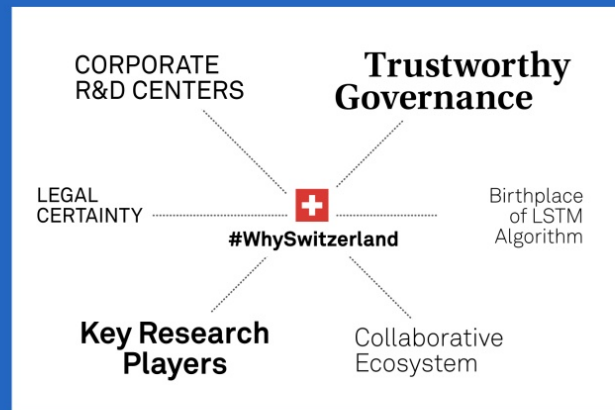


AI

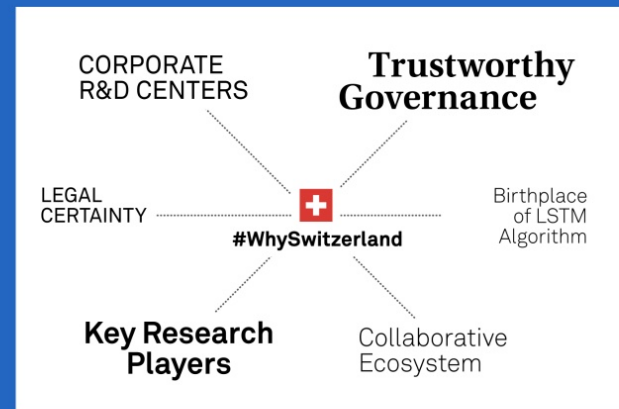
The image features a large, solid blue circle centered on a light blue background. To the left of the circle, there is a dark blue curved shape. The background also includes some faint, abstract light blue lines and shapes. The text "Umelá Inteligencia" is written in white, sans-serif font across the top of the blue circle.

Umelá Inteligencia

Umelá Inteligencia

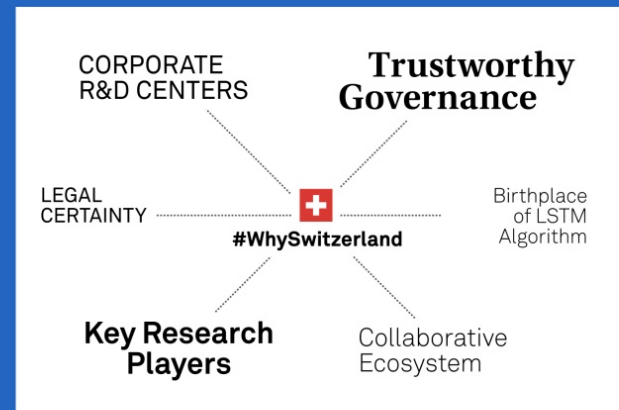


Umelá Inteligencia



Switzerland provides a very stable political and economic environment that offers globally active companies a safe place to host and validate their main assets: data. Trustworthy governance and legal certainty lead to reduced risks for companies, which benefit from an unbureaucratic support from cantons and the government.

Umelá Inteligencia



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Umelá Inteligencia

- GovAI pre štátnu správu
- Investícia do Univerzít a ľudí - lifelong learning
- "From the Lab to the Market"
- Aktívny networking
- Regulácia a etické postupy
- Dostupnosť dát

The image features a large, solid blue circle centered on a light blue background. To the left of the circle, there is a dark blue curved shape. The background also includes some faint, abstract light blue lines and shapes. The text "Umelá Inteligencia" is written in white inside the blue circle.

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- Zvýšiť dôveru v AI medzi ľuďmi
- Silná etika pri zbieraní dát
- Občania aktívny agregátori dát

Švajčiarsko = Inovácie

1. Technologické huby nielen pre Švajčiarsko
2. Geografické rozdelenie špecializácie (Lausanne, Zurich, Vaud,..)
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AI



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Má Action Plán

Action plan for the digital transformation of Slovakia for 2019 – 2022

Action plan for transformation of Slovakia into a successful digital country and development of the digital single market



58

Má Action Plán

Action plan for the digital

4. We will support development of artificial intelligence.....	58
<i>4.1 research and education in the field of artificial intelligence.....</i>	<i>58</i>
<i>4.2 Increase of the economic growth of Slovakia using artificial intelligence.....</i>	<i>62</i>
Overview of proposed measures	68



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Päťdesiatosmička

Päťdesiatosmička

4.1.1 Involvement of the Slovak Republic in the EU initiative for building European centres of excellence for artificial intelligence

Description of the measure	For Slovakia it is necessary to get involved in European initiatives in the field of artificial intelligence, where it can increase its research capacity and
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Päťdesiatosmička

	European structures of responsibility	
Deadline / duration / measure implementation /	30 June 2020, continuously. The implementation of the measure has not started yet.	
Source of funding	State budget / EU funds	
Main expected	Involvement of Slovakia in European excellence structures	

Päťdesiatosmička

		European structures of responsibility	
Deadline / duration / measure implementation /		30 June 2020, continuously. The implementation of the measure has not started yet.	
Source of funding		State budget / EU funds	
Main expected		Involvement of Slovakia in European excellence structures	

4.1.2 Setting up an expert group for coordination of educational activities in artificial intelligence

Description of the measure	Without educating experts at various levels of knowledge and skills, it will not be possible to ensure competitiveness of the labour force in Slovakia. The goal is to build a coordinating group that will act as a part of the national platform
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Päťdesiatosmička

		European structures of responsibility	
Deadline / duration / measure implementation /		30 June 2020, continuously. The implementation of the measure has not started yet.	
Source of funding		State budget / EU funds	
Main expected		Involvement of Slovakia in European excellence structures	

Deadline / duration / measure implementation /	30 June 2020. The implementation of the measure has not started yet.
Source of funding	No additional expenditure is expected.

Päťdesiatosmička

	European structures of responsibility	
Deadline / duration / measure implementation /	30 June 2020, continuously. The implementation of the measure has not started yet.	
Source of funding	State budget / EU funds	
Main expected	Involvement of Slovakia in European excellence structures	

Deadline / duration / measure implementation /	30 June 2020. The implementation of the measure has not started yet.
Source of funding	No additional expenditure is expected.

4.1.3 Development of a tool for natural language processing	
Description of the measure	By means of targeted efforts, it will be necessary to prepare and finance projects on the part of the demand as well as of the supply and support diffusion of tools for natural language processing (NLP) in practice. It will be necessary to remove barriers in the use and development of text and voice corpus of the Slovak language with specific regard to safe and practical application of such technologies in the field of public services. It will be possible to use the methods of natural language processing for monitoring of priority holistic goal,

Päťdesiatosmička

		European structures of responsibility	
Deadline / duration / measure implementation /		30 June 2020, continuously. The implementation of the measure has not started yet.	
Source of funding		State budget / EU funds	
Main expected		Involvement of Slovakia in European excellence structures	

Deadline / duration / measure implementation /	30 June 2020. The implementation of the measure has not started yet.
Source of funding	No additional expenditure is expected.

		other EU countries as well as by the EU itself.	
In charge		ODPMII	
Deadline / duration / measure implementation /		31 December 2020 and continuously. The implementation of the measure has not started yet.	
Source of funding		EU funds	
Main expected		Development of the centralised mechanism and approach to tools for natural technologies in the field of public services. It will be possible to use the methods of natural language processing for monitoring of priority holistic goal,	

Má Action Plán

Action plan for the digital

4. We will support development of artificial intelligence.....	58
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<https://inspirobot.me/>

<https://boredhumans.com/quotes.php>



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