

# FIG WORKING WEEK 2019

22-26 April, Hanoi, Vietnam

Presented by the FIG Working Week 2019,  
April 22-26, 2019 in Hanoi, Vietnam

"Geospatial Information for a Smarter Life  
and Environmental Resilience"



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# Legislation to Support the Digital Transformation of Land Governance and Land Administration

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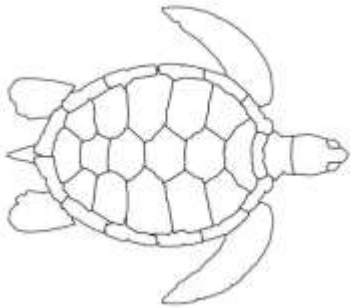


## What's the problem?



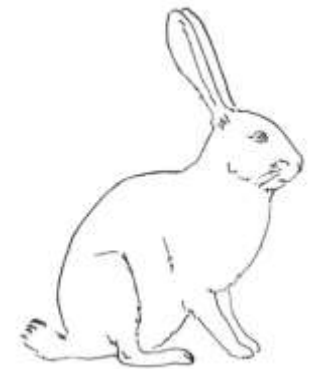
Legislation

Slow



Technologies

Fast



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## What are we supposed to do?

Identification of business processes in the real estate market

Land Distribution

Land Administration

Redistribution of rights on Real Estate Market

Termination of Real Property Rights

Land Development

Land Use Planning

ETC.

Description in BPMN notation

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## What are we supposed to do?

### Adhere to digital transformation strategies

Strategy for building the National Data Infrastructure

Cross-border electronic interaction strategy

The strategy of creation of the uniform entrusted environment of remote electronic identification

The strategy of transition to the "Smart Home" and "Smart City"

The Open Data Strategy

The strategy of translating the electronic interaction of public servants, business and citizens on uniform National digital platforms

ETC.

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## What about legislation?

Legislation

in support

Business processes  
in BPMN

for the  
implementation

Digital transformation  
strategies

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## Legislation...

in support of remote identification

on access to personal data

regarding the execution of Real Estate transactions in electronic form

in support of the automated self-executing Real Estate deals

on robotics, on intelligent agents AI, an order of their input in operation and civil circulation, determination of responsibility

Legal regulation of dispute resolution in electronic form

Legal regulation of inclusive e-decision making

ETC.

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## TECHNICAL STANDARDS OF DIGITAL TRANSFORMATION

In Belarus - special technical committee for standardization "Digital transformation TK BY 38"

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## Repeat in the conclusions

**To achieve the Digital Transformation of Land Governance and Land Administration**

**We can**

- 1) describe the business processes in accordance with certain notations, for example, BPMN,**
- 2) follow digital transformation strategies,**
- 3) develop legislation and technical standards in accordance with the described business processes and following digital transformation strategies.**

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## Thanks for attention!

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Link to paper:

[http://www.fig.net/resources/proceedings/fig\\_proceedings/fig2019/papers/ts05c/TS05C\\_shavrov\\_batura\\_et\\_al\\_9859.pdf](http://www.fig.net/resources/proceedings/fig_proceedings/fig2019/papers/ts05c/TS05C_shavrov_batura_et_al_9859.pdf)

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