



# “DIGITAL ROCK”



## THE INTEGRATED COMPLEX

approach for characterization of hard-to-recover reserves  
in low-permeable reservoir rock



Shklover V.

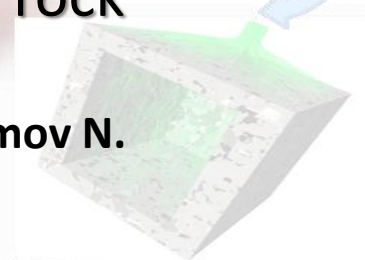
Khakhanov S.

Artemov N.



STARTUP VILLAGE

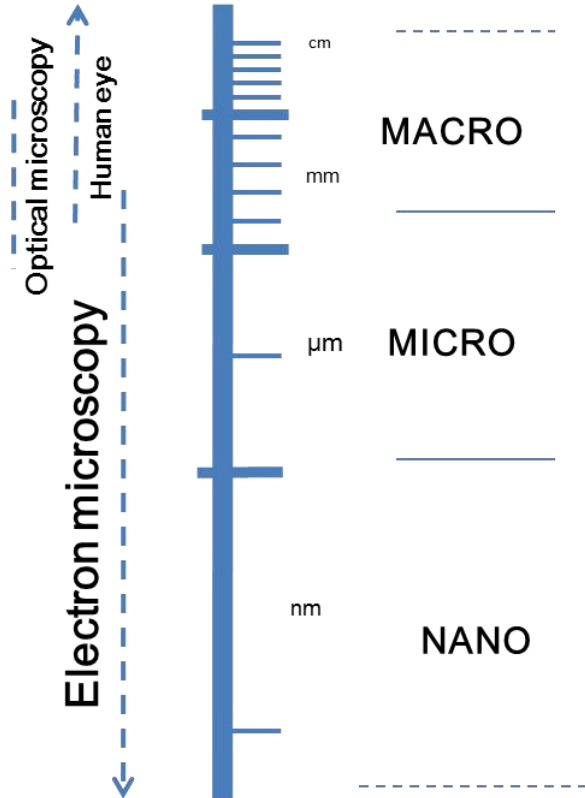
Skolkovo, 2-3 June 2015



Before...



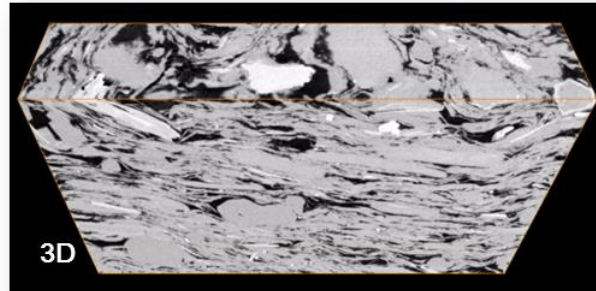
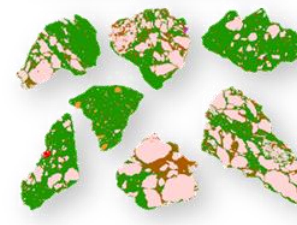
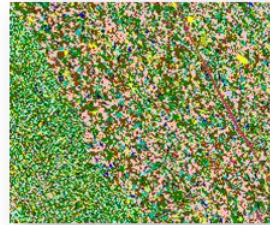
## ... Nowadays



CORE



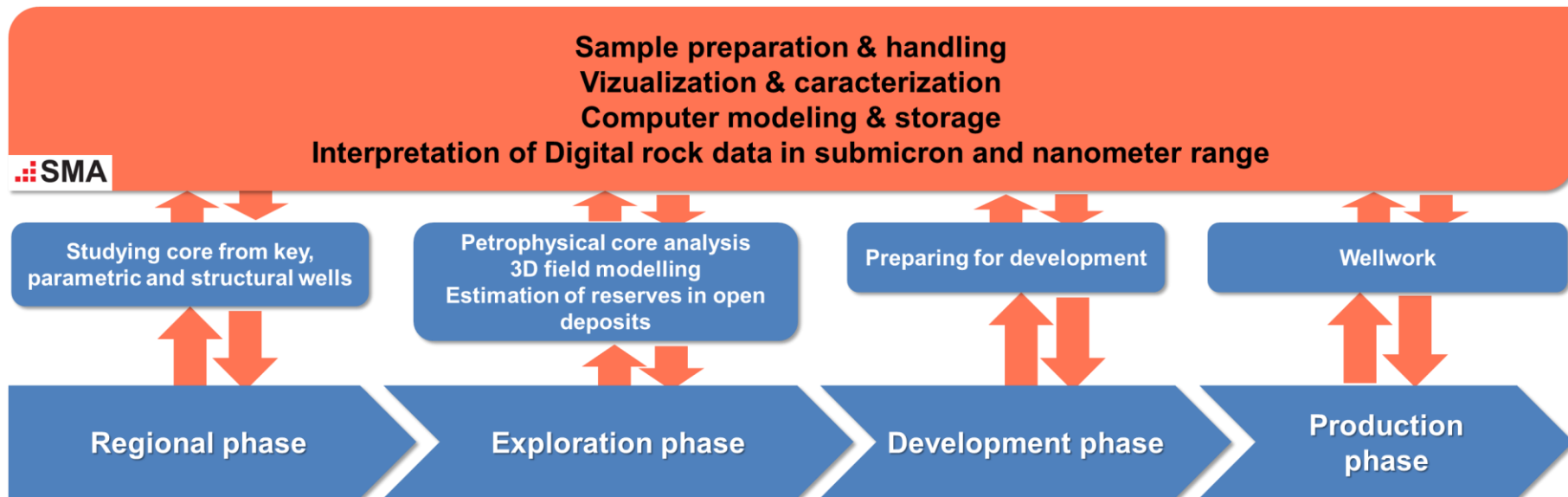
DRILLED SOLIDS



# Key challenge

How to improve accuracy, reduce time,  
cut the costs of the analysis and description of complex core

Geological exploration | Reserves estimation | Field development





# Market / Demand



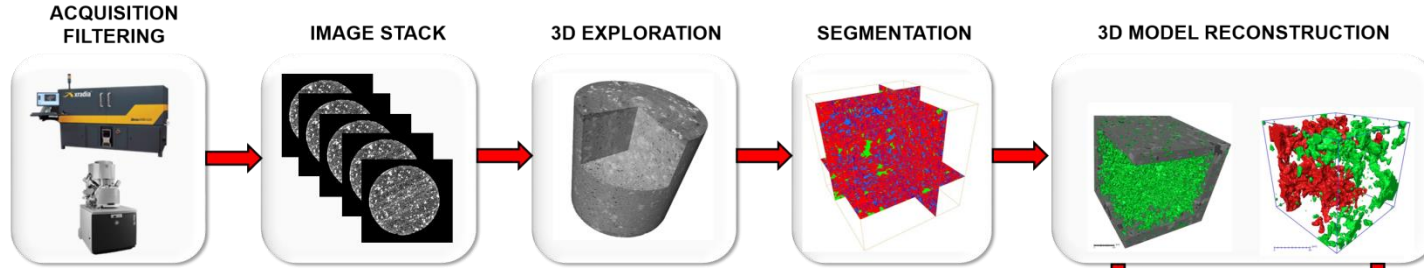
<b>Who</b>	Research centers of major oil and gas companies	Small service companies
<b>Pipeline</b>	23	78
<b>Product</b>	<ul style="list-style-type: none"><li>✓ Service</li><li>✓ Laboratory turnkey</li></ul>	✓ Service
<b>Competitors</b>	Ingrain, iRock, Introvision	
<b>Partners</b>	Academic & Universities Research Centers	

# Solution

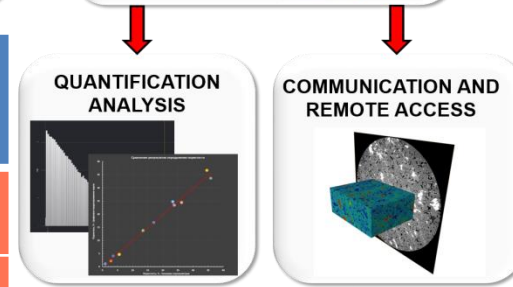
The integrated complex “DIGITAL ROCK”



since 1999



KEY PARAMETERS	OUR SOLUTION	TRADITIONAL SOLUTION
SPEED	<1 month	4-6 months
RESOLUTION	Up to nanometers	10-100 microns
DATACENTER	Needs powerful graphic workstation	Needs just ordinary PC
ROI	2 years	3-4 years



## RESULTS:

- ✓ Improving evaluation accuracy for hard and non-hydrocarbon reserves by more than 20% during the exploration
- ✓ Improving recoverability at production stage

# Why we are HERE



✓ Experience & reputation



✓ Cooperation with the leading research organizations



✓ Efficient & trained team, established business processes

✓ Pilot lab. “digital rock”

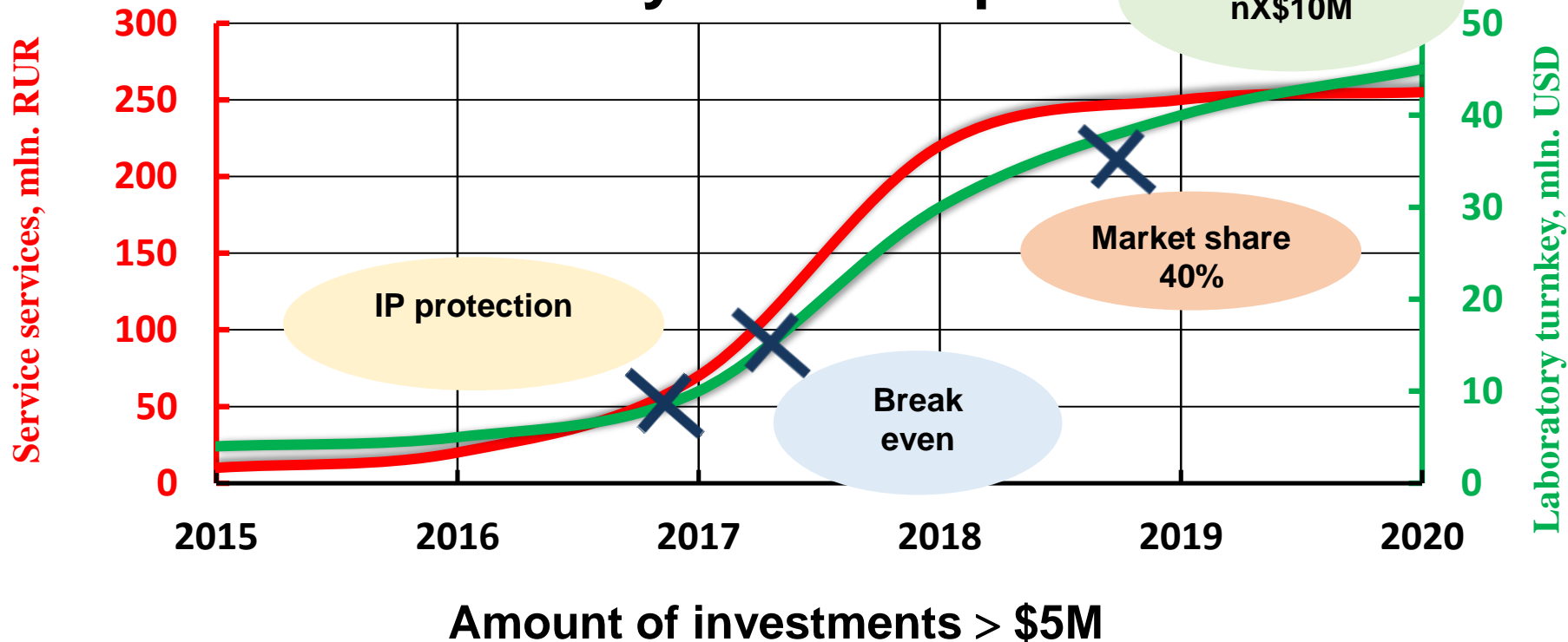
✓ Own assets for growth



✓ Customer base

# Where we are and where we are going

## A five-year sales plan





**We are open for new partnership**



since 1999

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