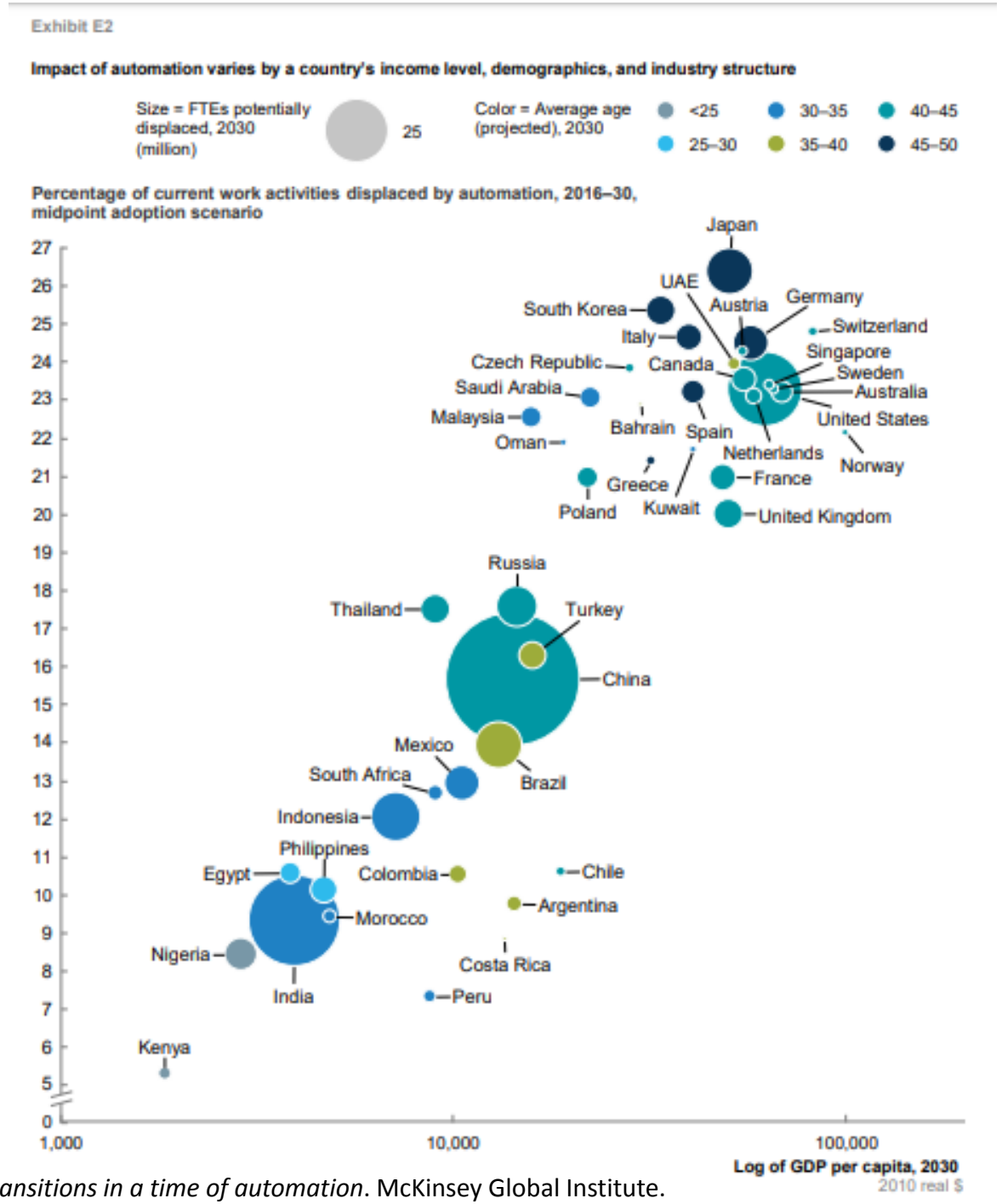
Novas tecnologias

Nuria López

O impacto da automação no trabalho

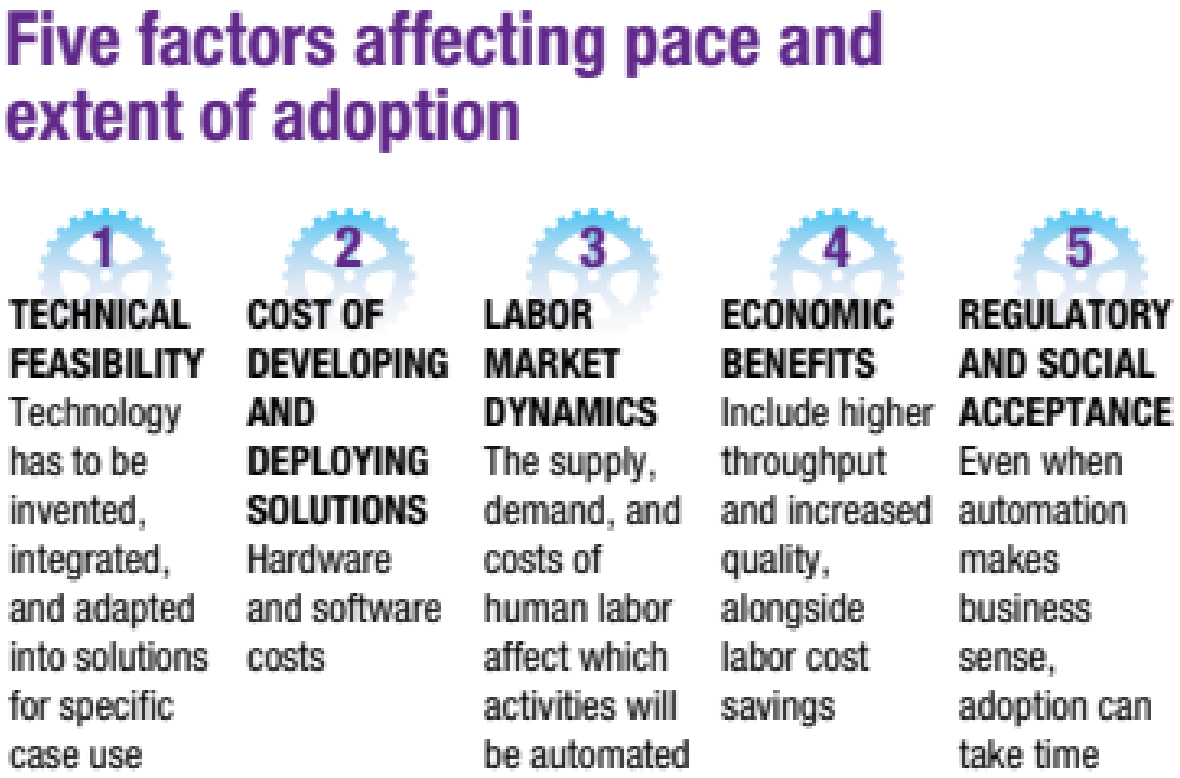
Fonte: *Jobs lost, Jobs gained: workforce transitions in a time of automation*. McKinsey Global Institute. Disponível em: https://www.mckinsey.com/~/media/mckinsey/featured%20insights/future%20of%20organizations/what%20the%20future%20of%20work%20will%20mean%20for%20jobs%20skills%20and%20wages/mgi-jobs-lost-jobs-gained-report-december-6-2017.ashx

E o Brasil?



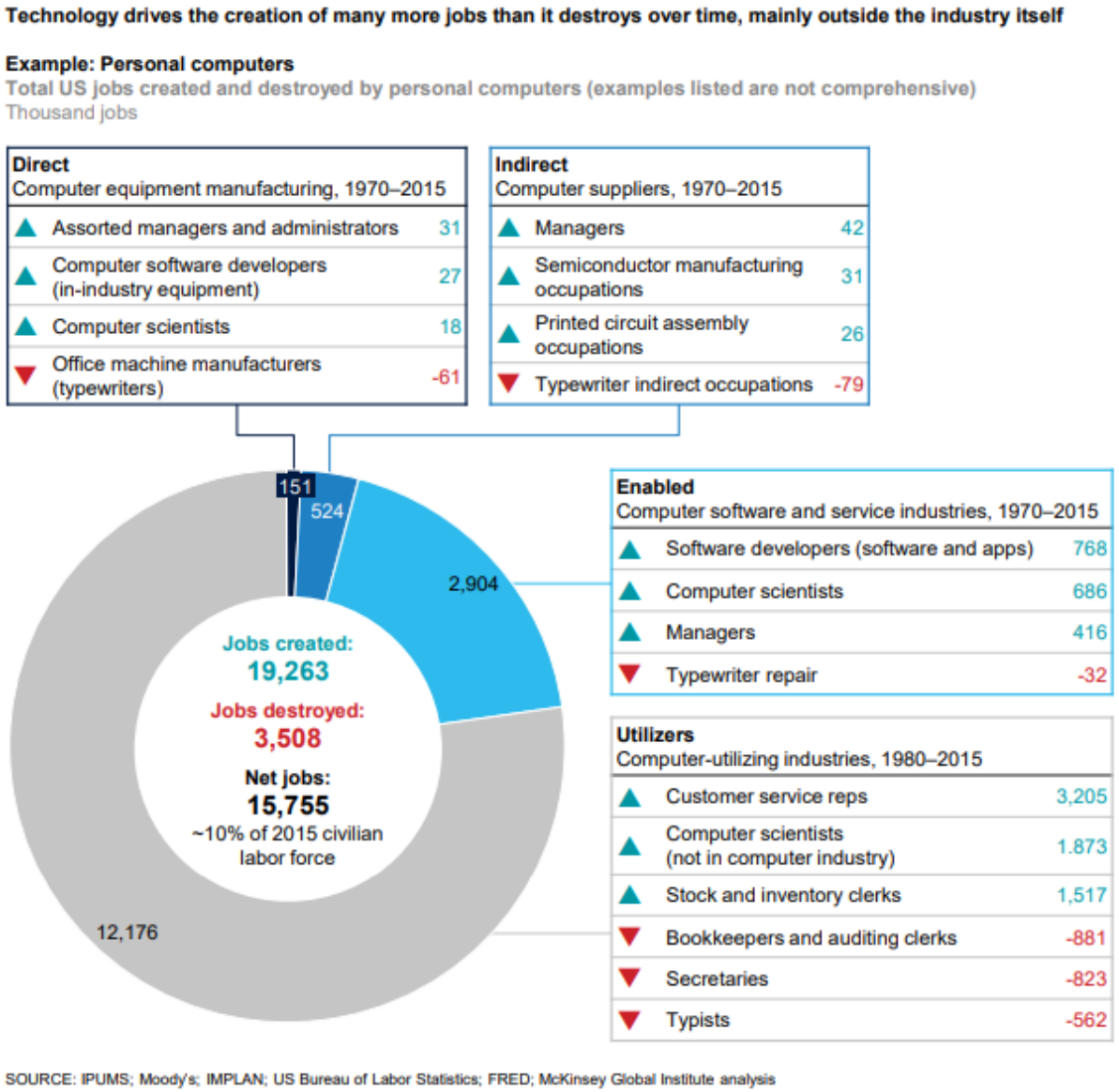
Fonte: *Jobs lost, Jobs gained: workforce transitions in a time of automation*. McKinsey Global Institute.

O ritmo e a extensão da mudança



Fonte: *Jobs lost, Jobs gained: workforce transitions in a time of automation*. McKinsey Global Institute.

A mesma história?



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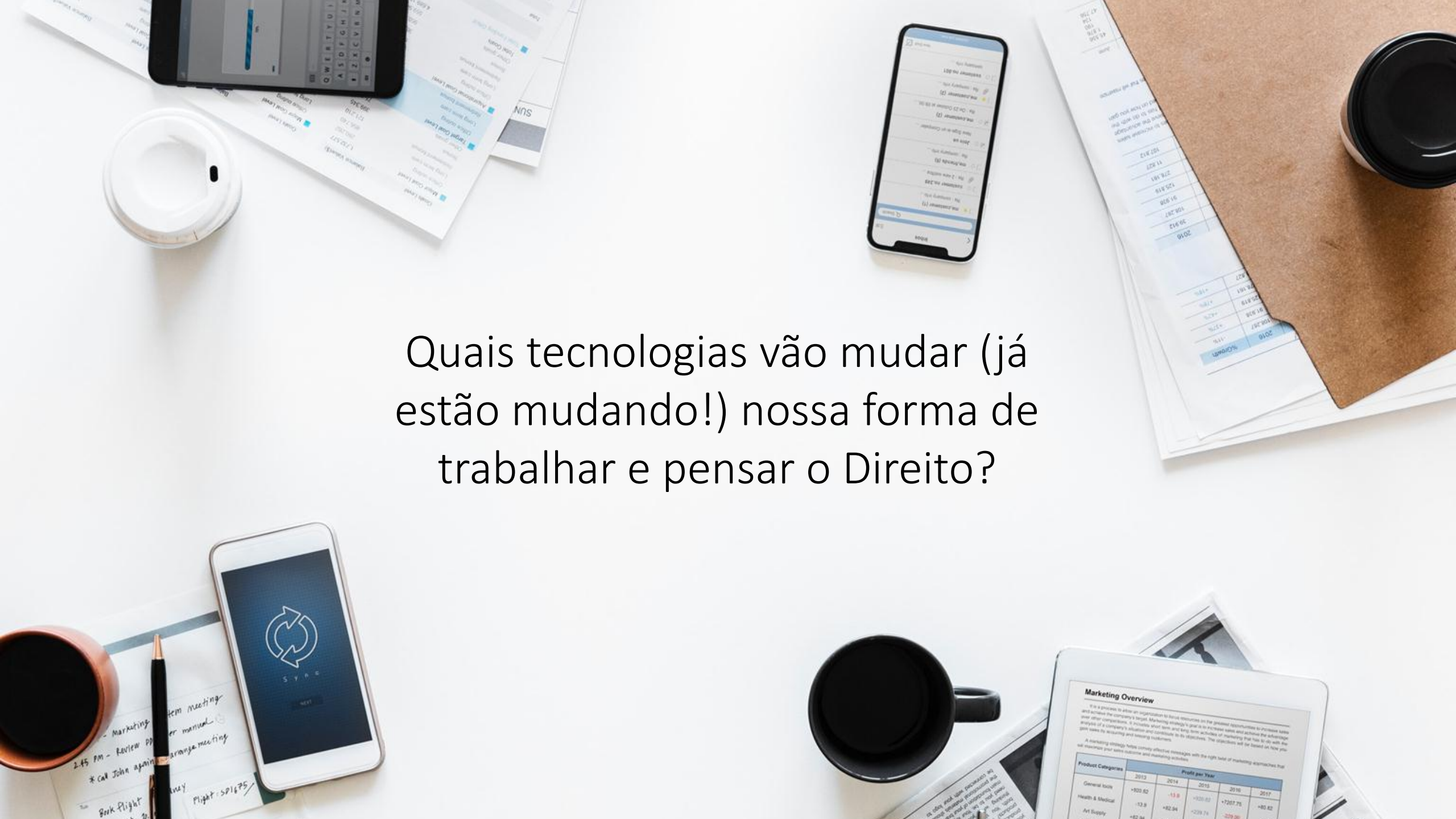
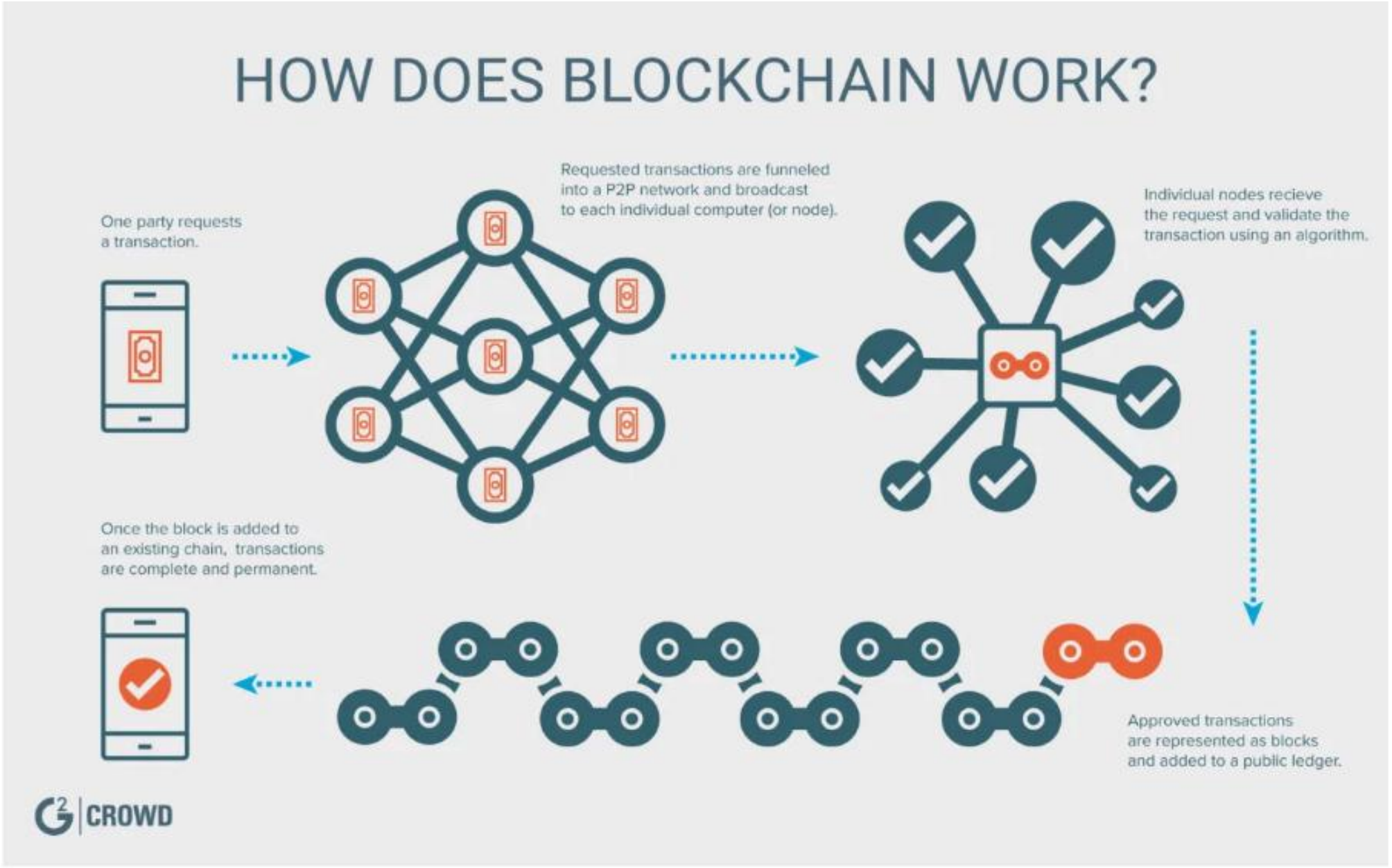


Quais tecnologias vão mudar (já estão mudando!) nossa forma de trabalhar e pensar o Direito?

Blockchain

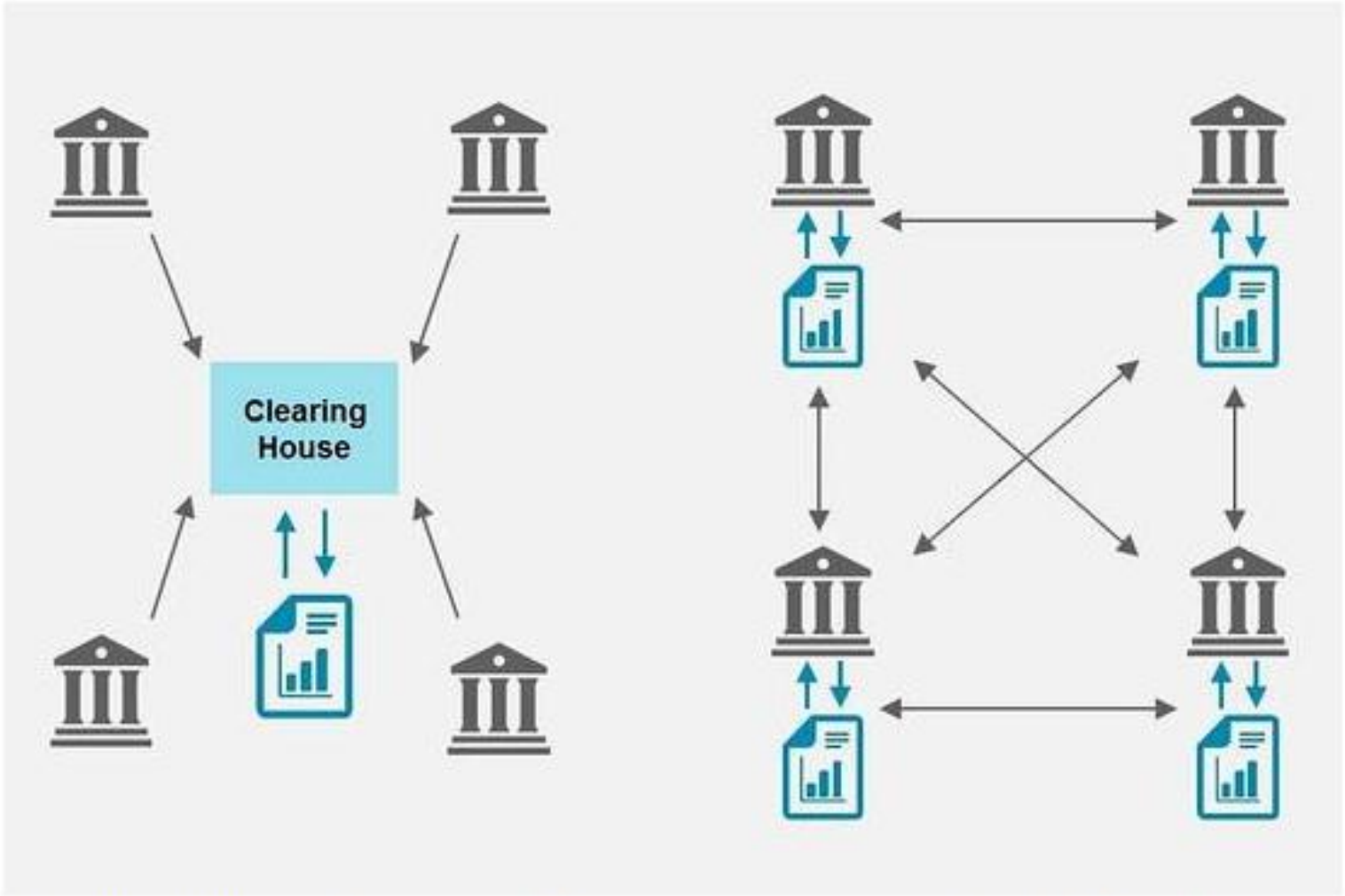


Fonte: https://www.g2crowd.com/categories/blockchain

A “terceira parte” e a confiança

Figure 2-10: Crowley sending $10,000 to Clarice through a traditional bank

Fonte: https://www.coindesk.com/blockchain-lottery-miners-rewarded

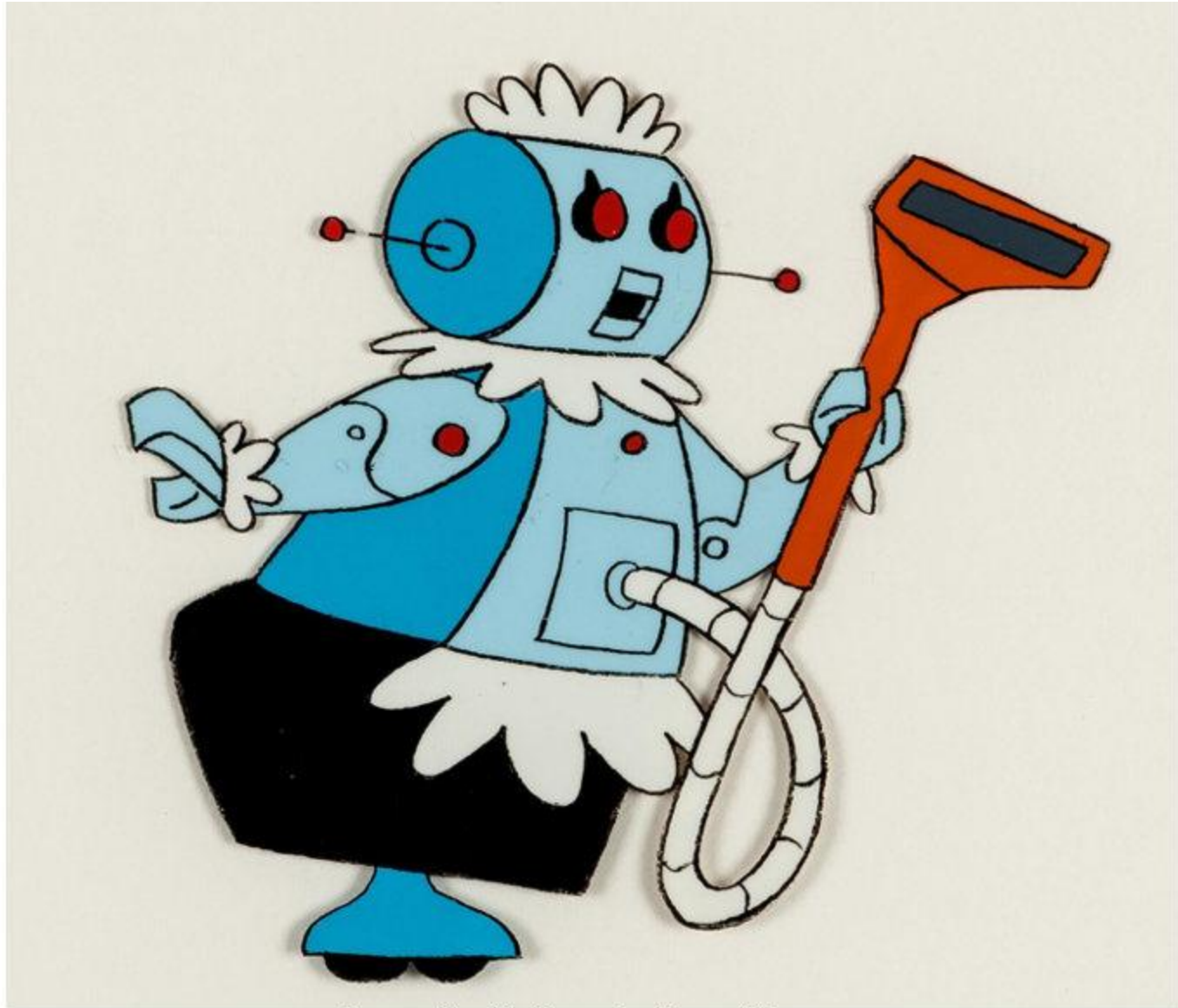


A distributed ledger, right, is a network that records ownership through a shared registry *OLIVER WYMAN*

https://blogs.wsj.com/cio/2016/02/02/cio-explainer-what-is-blockchain/

Exemplo: Bitcoin (e outras cryptomoedas)

Inteligência Artificial (IA)
Machine Learning



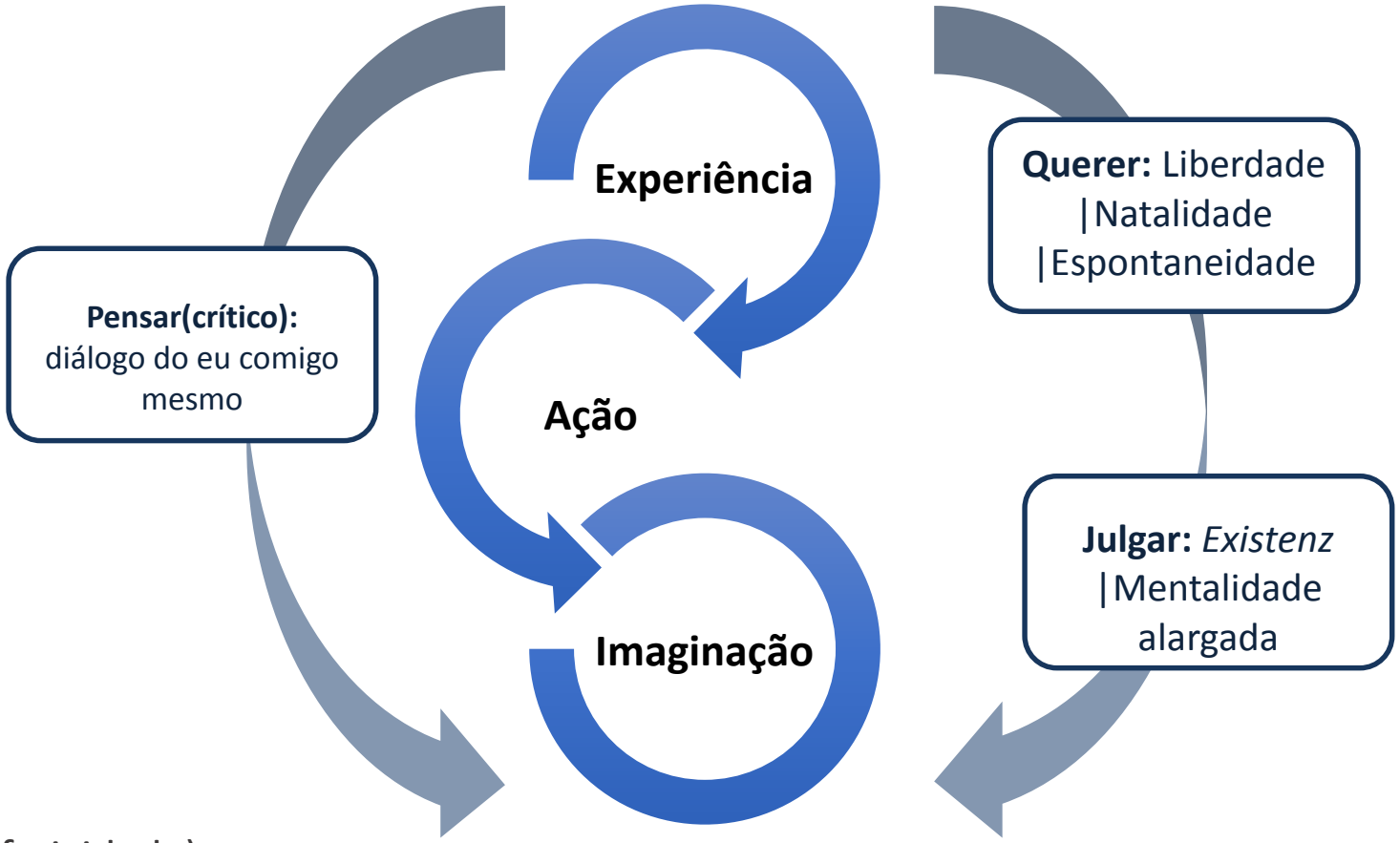
Imaged by Heritage Auctions, HA.com

Como programar para *ele* aprender?

Como nós aprendemos?

"A Vida da Mente"

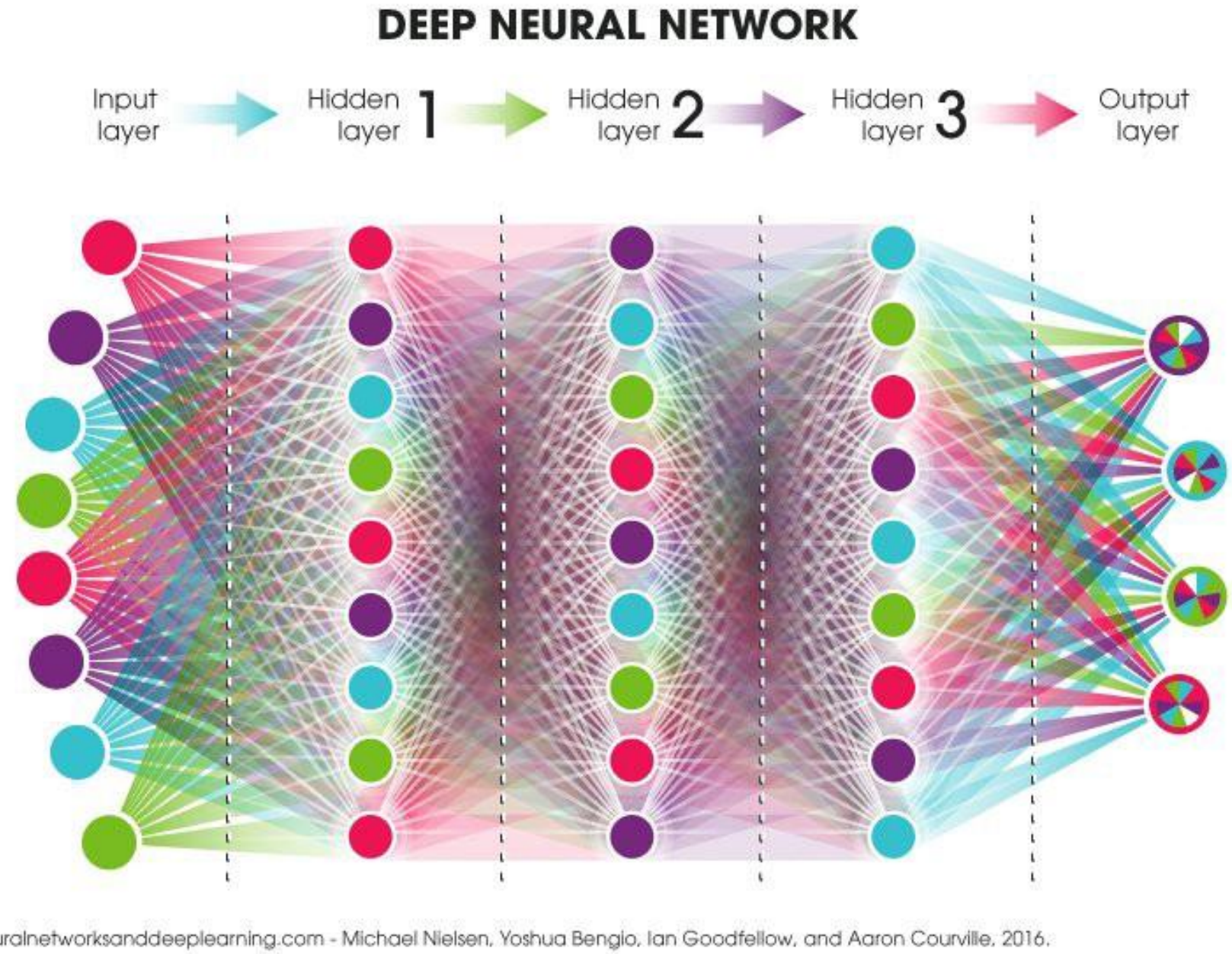
A Vida da Mente | O *loop* cognitivo



Estrutura:
Sintática

Dinâmica:
Exitenz, *loop*

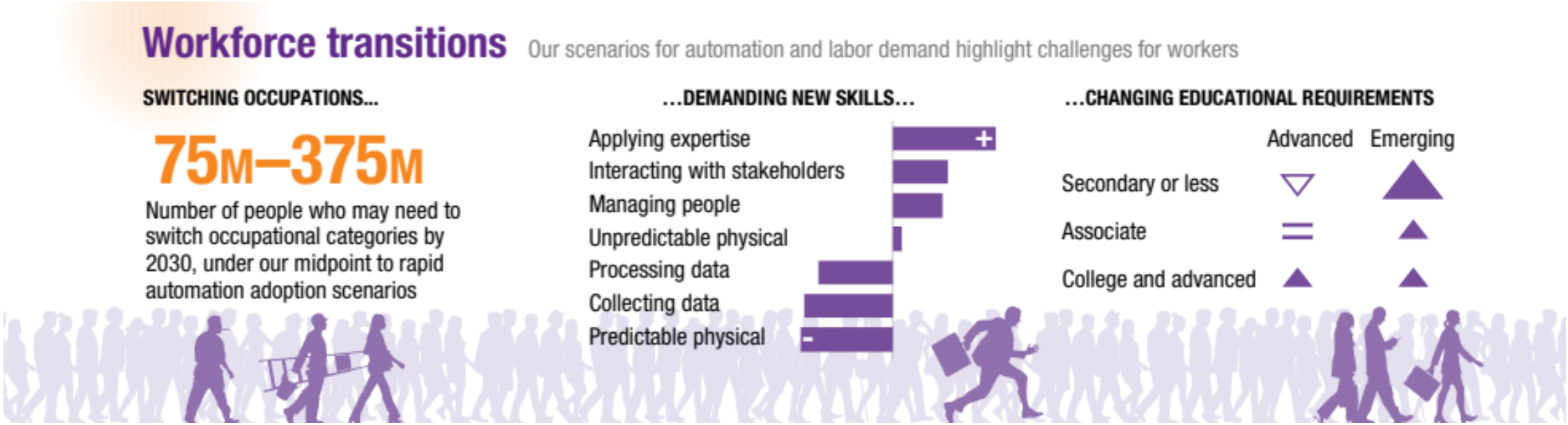
Conteúdo:
Semântico (interpretação e afetividade)



https://towardsdatascience.com/meet-artificial-neural-networks-ae5939b1dd3a?gi=39a54a394e97

A integração com IA
A humanidade em nós

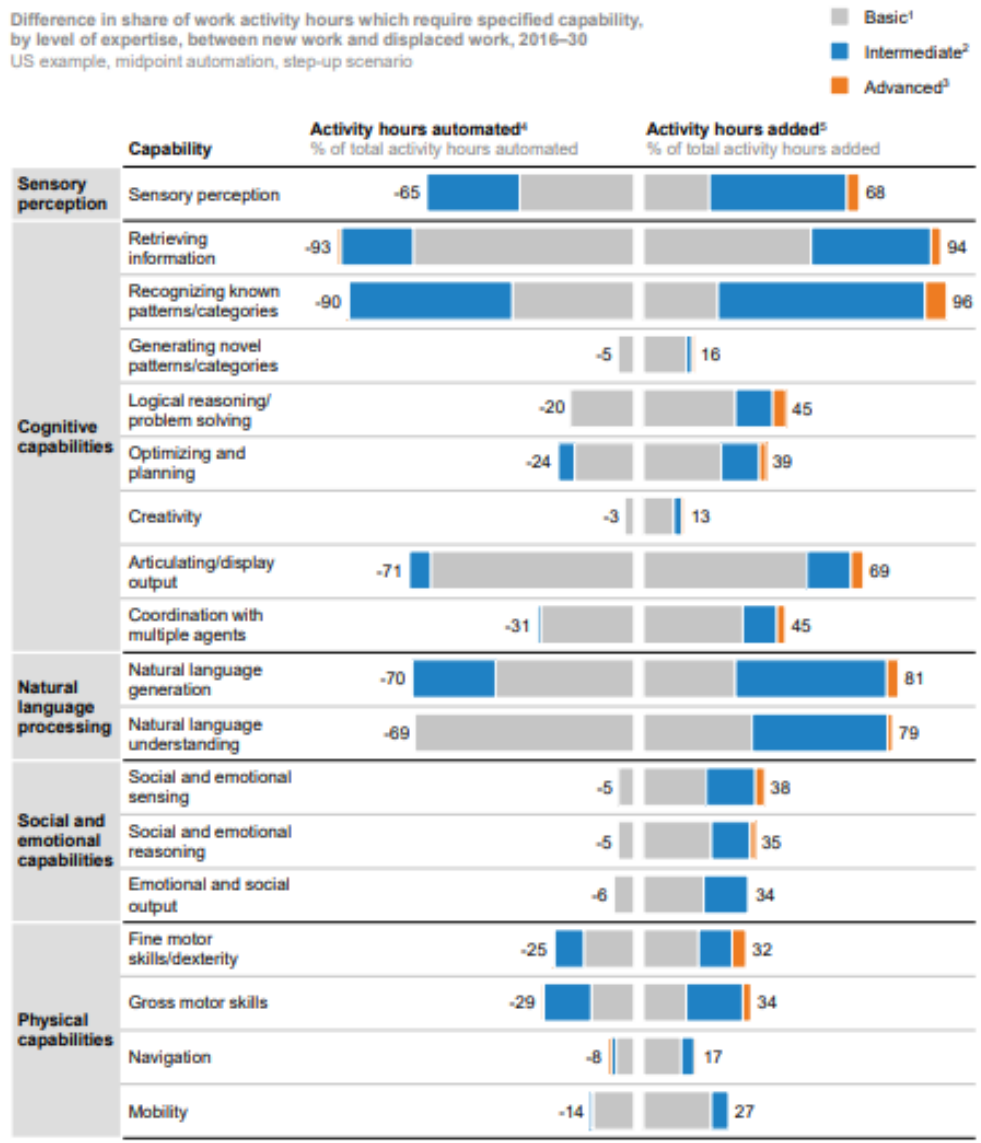
O que isso demanda dos trabalhadores?



Fonte: *Jobs lost, Jobs gained: workforce transitions in a time of automation*. McKinsey Global Institute.

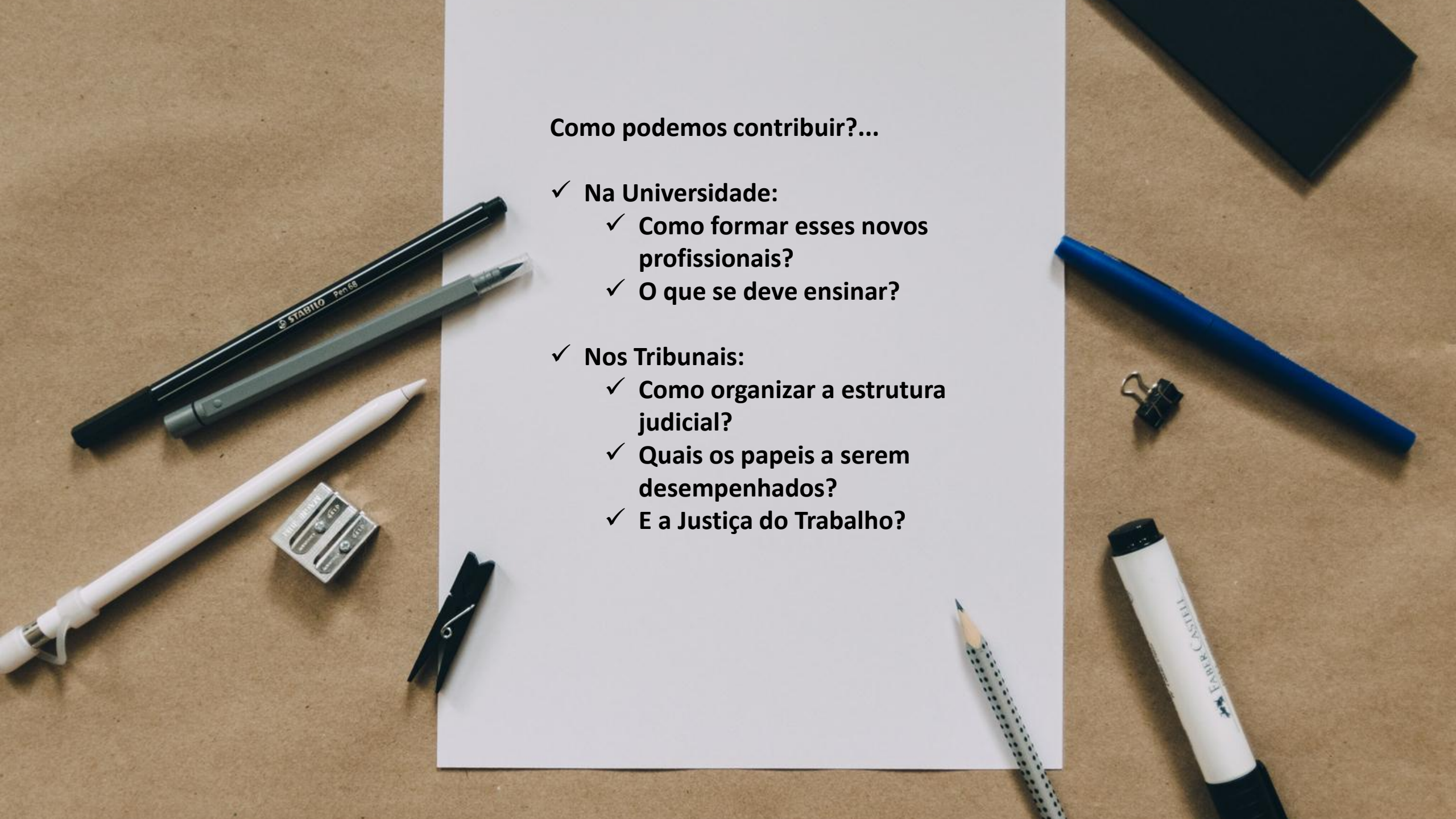
Future work activities will require more social emotional, creative, and logical reasoning abilities—and more advanced capabilities across the board

Difference in share of work activity hours which require specified capability, by level of expertise, between new work and displaced work, 2016–30
US example, midpoint automation, step-up scenario



1 Below-median capability required.
2 Median human capability required.
3 At least 75th percentile capability required.
4 80.3 billion activity hours automated (38.6 million jobs).
5 66.3 billion activity hours added (31.9 million jobs).
NOTE: Some occupational data projected into 2016 baseline from latest available 2014 data.

SOURCE: U.S. Bureau of Labor Statistics; McKinsey Global Institute analysis



Como podemos contribuir?...

- ✓ **Na Universidade:**
  - ✓ **Como formar esses novos profissionais?**
  - ✓ **O que se deve ensinar?**

- ✓ **Nos Tribunais:**
  - ✓ **Como organizar a estrutura judicial?**
  - ✓ **Quais os papeis a serem desempenhados?**
  - ✓ **E a Justiça do Trabalho?**

Muito obrigada! Até o próximo café!

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