

IS3R 2023

Berlin/Germany

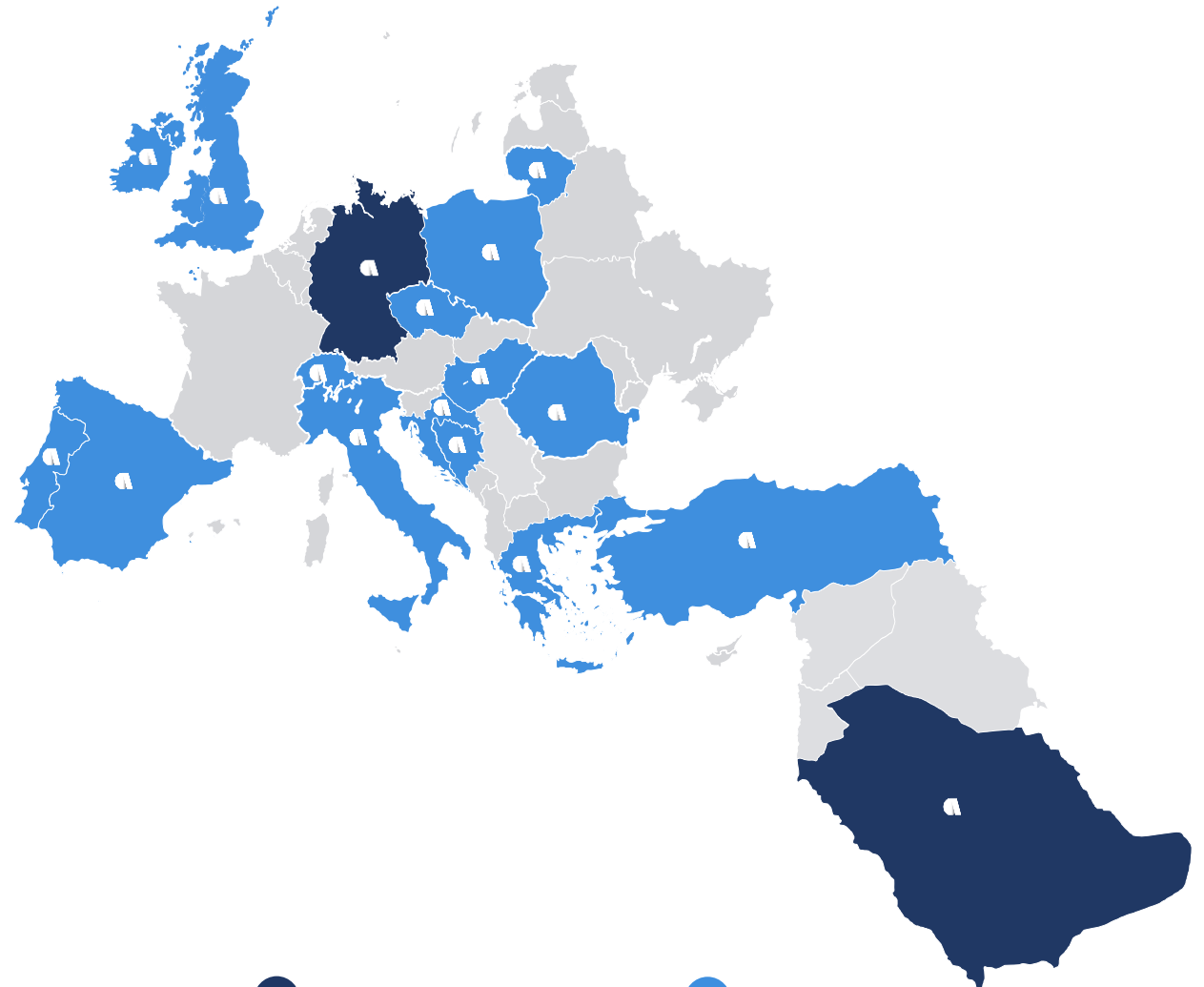
August 24–26, 2023

Does
virtualization
assist or hinder
workforce
challenges
@ [Affidea](#)

Dr Charles Niehaus

Executive Director
Affidea

Affidea is the leading pan-European provider of **advanced diagnostics (imaging and labs), Out-of-Hospital multi-specialty services and Centres of Excellence (Cancer Care and Orthopaedics)**, since 1991



Workforce challenges in Radiology

medical staff scarcity

Europe has 13 radiologists per 100,000 population

radiologists workload & burnout

radiologists rank 5th out of 23 surveyed specialties in frequency of reporting burnout*.

technology advancements & innovations

sub-specialty increased demand

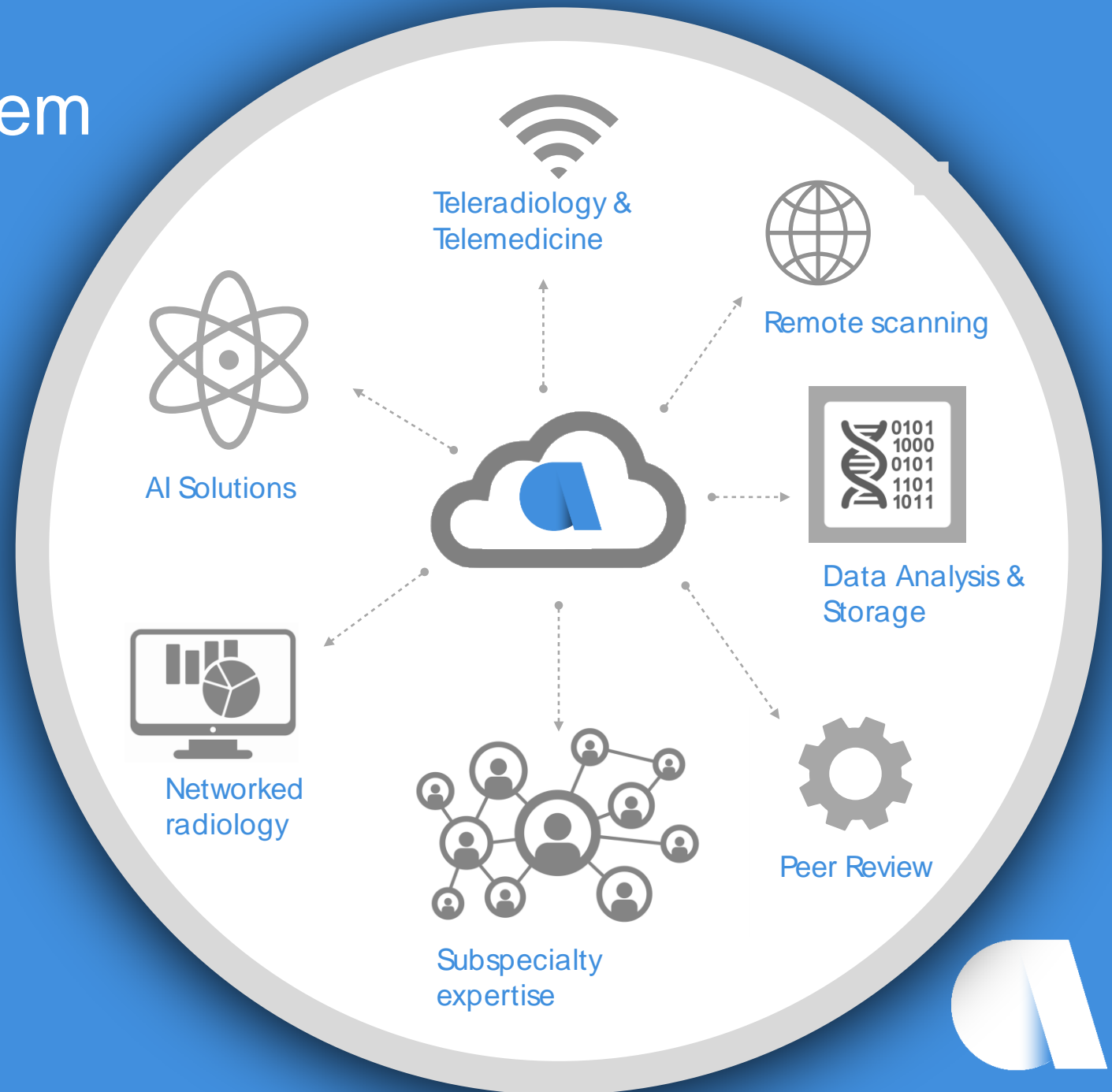
Neuroradiology, Breast, Cardiac, Prostate, Emergency and Interventional radiology drive the highest demand of subs-specialty expertise

training and education gaps



Affidea Digital Ecosystem

- ★ Quality & Safety in reporting activity
- ★ Productivity improvement
- ★ Resources optimization and super-specialisation
- ★ Human & Artificial Intelligence integration
- ★ R&D and Clinical Trials
- ★ Training & Education



Affidea is addressing workforce challenges by offering digitally enhanced work experiences and investing in our medical staff to always be at the forefront

CLINICAL QUALITY	PRODUCTIVITY	INNOVATION	OPERATIONS
SUPER-SPECIALISATION	NETWORKED RADIOLOGY	Post processing to take place in the CLOUD FULLY AUTOMATED	Structured reporting via NATURAL LANGUAGE PROCESSING
PEER REVIEW	TELE-RADIOLOGY & TELEMEDICINE	DATA STORAGE & ANALYSIS	AI SCHEDULING and workflow
AI SOLUTIONS for improving the accuracy of the diagnosis	REPORTS ORCHESTRATOR	AI CO-DEVELOPMENT	AI & DEEP LEARNING SOLUTIONS for operational efficiency
E-LEARNING PLATFORM	REMOTE SCANNING		