

PRINCIPLES OF NATURALISTIC DECISING MAKING



What is NDM, and what does it stand for?

1 NDM'S GOAL

To understand how people accomplish *cognitive work* and help them improve their performance.



2 NDM'S SUBJECT MATTER

NDM's subject matter is *macrocognition*, with a primary focus on expert performance.



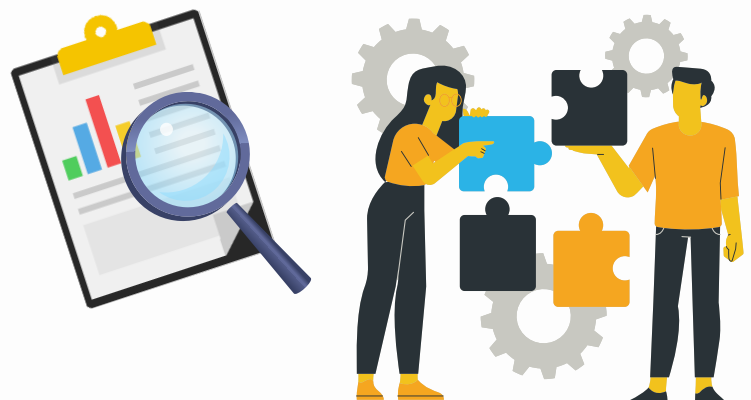
3 NDM'S METHODOLOGY

NDM relies on methods of *naturalistic inquiry* to analyze and describe individual and team macrocognitive phenomena in settings where they naturally occur.

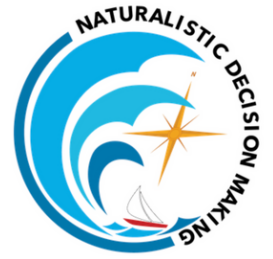


4 NDM'S THEORIES

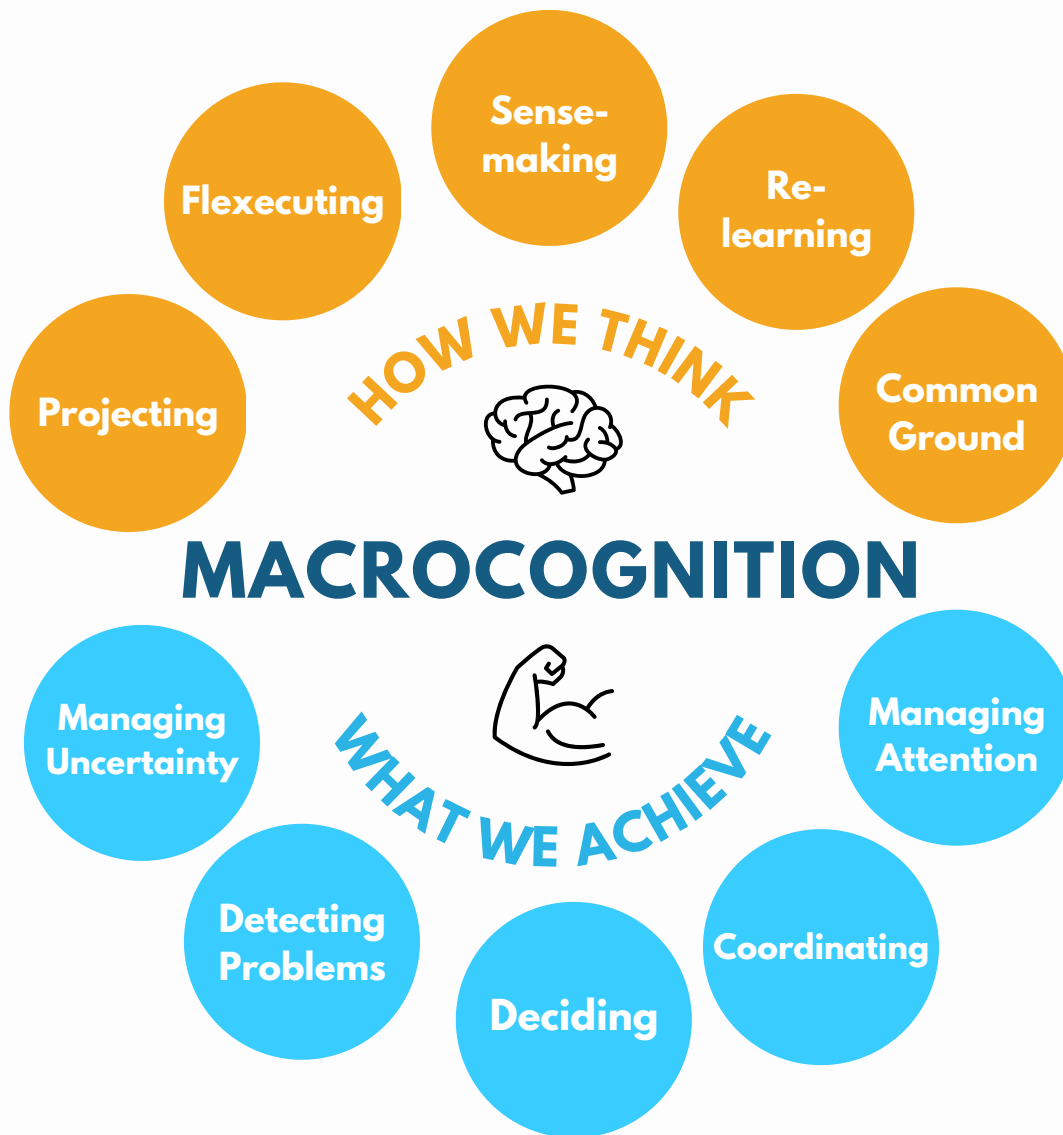
The macrocognitive theories that NDM has produced can be *empirically tested* and are absolutely necessary for accelerating expertise and conducting human-centered design.



UNDERSTANDING MACROCOGNITION



The subject of Naturalistic Decision Making



"MacroCognition" refers to complex cognitive functions that people—particularly domain practitioners—perform in natural settings. These functions are often carried out under the pressure of uncertainty, limited time, and high stakes.