

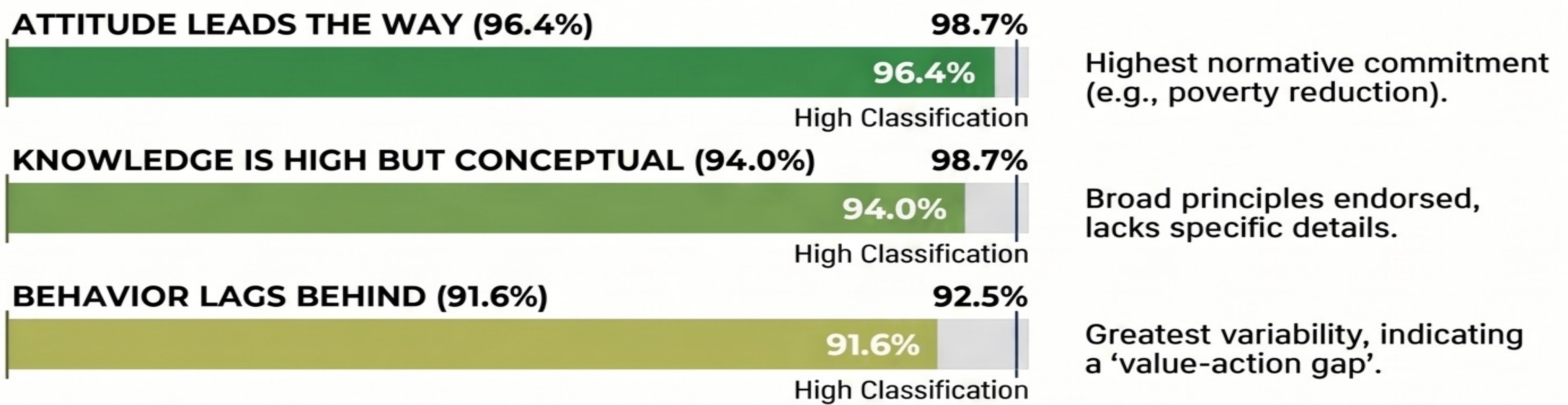
Knowing but Not Acting: The Paradox of Sustainability Consciousness Among Pre-Service Teachers

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Event link: <https://sciforum.net/event/IOCES2026>

STUDY OVERVIEW & METHODOLOGY

- **Profile of 159 Pre-Service Teachers**
 - 5 study programs
 - 45.3% seniors in Semester 7)
- **The 37-Item KAP Assessment**
 - Validated instrument, 3 dimensions:
 - Knowledge (15), Attitudes (10), Behavior (11)

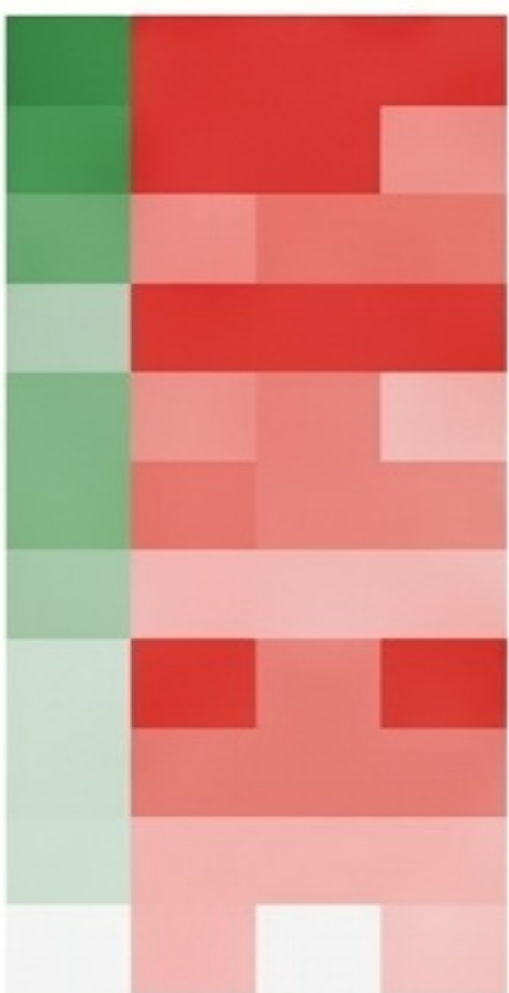
THE KAP DIMENSION BREAKDOWN



THE 'PARADOX' 1: STRUCTURAL KNOWLEDGE DEFICIT

Item-level visualization gaps

Heat Map



THE SDG IDENTIFICATION GAP

Only 59.7% correctly identified 17 SDGs despite high conceptual scores.

THE WATER CONSERVATION BLIND SPOT

Only 54.1% recognized reducing water consumption as vital (Q2).

THE 'PARADOX' 2: THE CORPOREAL GAP IN BEHAVIOR

Behavioral deficits

SOCIAL RESPECT (100%) VS. PHYSICAL ACTION (76%)

100%

engagement in social respect online.

76.1% ENGAGEMENT IN ACTIVE TRANSPORT

76.1%

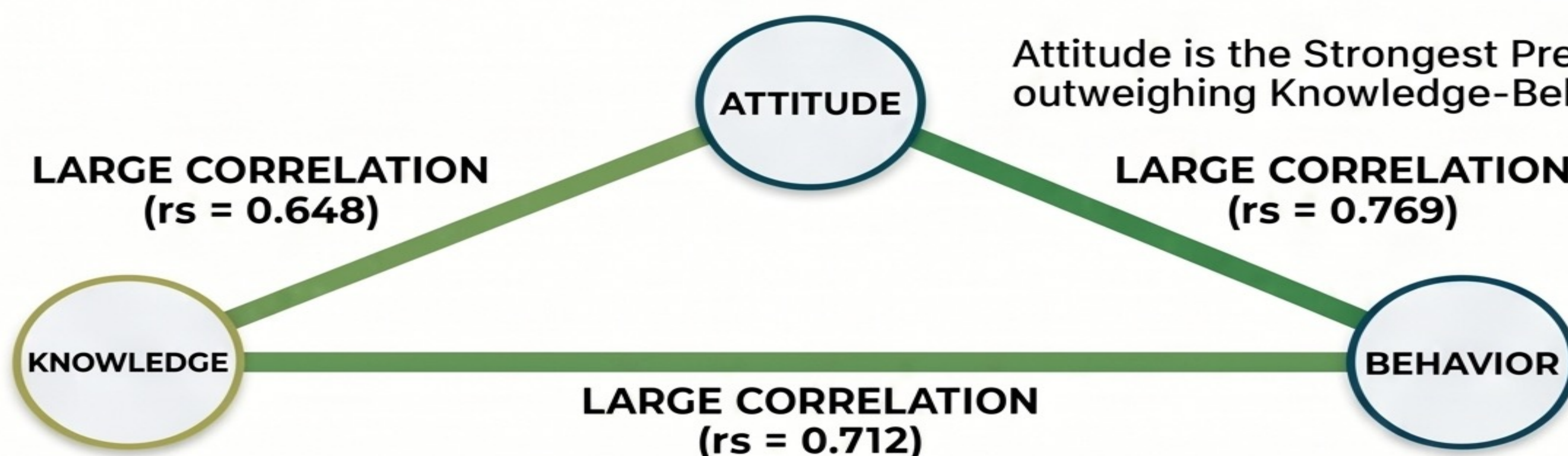
Lowest agreement: Preferring cycling/walking over motorized transport.

84.3% RECYCLING ENGAGEMENT

84.3%

Recycling household materials is a major behavioral gap.

RELATIONSHIPS & RECOMMENDATIONS



BEYOND THE 'INFORMATION DEFICIT' MODEL: Research suggests that just providing facts isn't enough; E5D must focus on affective, values-centered, and experiential learning.