

Thesis Reviewer's Report

Student: Warda Al-Tayyar
 Title: Bc.
 Supervisor: prof. Jitka Komárková, Ph.D
 Reviewer: doc. Ing Hana Kopáčková, Ph.D
 Reviewer's job title: Associate Professor

Assessment criteria

	excellent	very good	acceptable	unacceptable	N/A
Achievement of the aims of the thesis	x	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use of appropriate methods	x	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Depth of analysis (in relation to the topic)	x	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Structure and extent of the thesis	x	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use of Czech and foreign sources (including references)	x	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formal aspects (text, diagrams, charts)	<input type="checkbox"/>	x	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality of language (style, grammar, terminology)	x	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Usability of the results

	high	medium	low	N/A
In theory	<input type="checkbox"/>	x	<input type="checkbox"/>	<input type="checkbox"/>
In practice	<input type="checkbox"/>	x	<input type="checkbox"/>	<input type="checkbox"/>

Other comments

The thesis offers an ambitious and valuable scope by comparing seven smart cities across multiple continents, drawing on a rich mix of secondary data and using a clear analytical framework to structure the comparison. This breadth allows the author to highlight patterns, contextual differences, and transferable practices, which is particularly useful for policymakers and researchers alike. The comparative lens is a genuine strength, and the effort to distill diverse information into coherent tables and figures demonstrates solid synthesis skills. However, the rationale for case selection is only vaguely described. While the author mentions using several smart city indexes, the method for combining them is unclear. It would be more transparent and reproducible to either select the top five or ten cities from a single, recognized ranking such as the IMD Smart City Index or explicitly explain how the multiple indices were merged to produce the final sample.

From a structural perspective, the placement of Chapter 3.4 *Research Structure* in the middle of the thesis is problematic, as it covers material that logically belongs in the introduction. This section outlines how the research is organized including content from Chapters 1 and 2, yet appears after the methods discussion rather than setting the stage from the outset. The overall presentation is clear and well-organized, and while these structural and methodological transparency issues are present, they do not diminish the quality or value of the work's strong comparative scope.

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Questions and suggestions for the defence

1. Could you provide a comparative table showing the ranking of your selected cities across the smart city indexes you referenced?
2. In Figure 2, the correlation between renewable energy share and air quality is shown. Could you elaborate on how differences in measurement methods or reporting years across cities might have influenced this relationship? your exact process for combining results from different indexes into a single selection list?

Overall evaluation

I **recommend** the thesis for defence.
The proposed grade for the thesis: A

In Pardubice on 13.8.2025

Signature