Master´s Thesis Evaluation by the Supervisor

Title of the Master´s Thesis:

Future of solid waste management in the Czech Republic

Author of the Master´s Thesis:

Vojtěch Brix

Goals of the Master´s Thesis:

Identification of the way the Czech Republic can improve its waste management model.

Evaluation:

	Criteria	Description	Max. points	Points
Content 70%	Output Quality	The author presents amended thesis after last unsuccessful defence. Much of the previous drawbacks were improved and fixed. In the same time some elements remain bit unclear. Specifically, when evaluating different models, it is still hidden how the values for each criterion were sometimes assigned. I would also still challenge data quality in the feasibility study. If I understand it correctly data were gathered from the interviews which the author conducted or from where?	20	12
	Goals	The goal of the thesis is kind of accomplished however as mentioned above with data classification the results could be challenged.	10	7
	Methodology:	This chapter was significantly improved. Thus, it is at least clearer what methods were used and how. More detail could be still provided regarding coding process. In the same time, it would be nice to see the exact way how some results were calculated in practical part. The author often presents already readymade data.	20	10
	Theory/ Conceptualization:	The author provided a good overview of waste management. It is only pity that even based on previous review it is still not clear why the author used specifically NPV method. There are more ways how different models could be evaluated. But the author did not mention them and simply decided to pick NPV. But why? Why not the other ones?	20	10
Formal requirements 15%	Structure:	The thesis is well structured from the formal perspective, but I missed some nice benchmarks of different models and also some better visuals regarding final recommendations.	3	2
	Terminology:	Meets requirements.	4	4
	Formalities:	More or less meets the requirements.	4	4
	Citing:	Well done, however it would be good to provide supporting sources for some pretty strong statements (see the question)	4	3

	Presentation document:	Is the presentation itself structured in a clear way? Is it appealing and easy to follow? Does it convey the message efficiently?	5	
Delivery 15 %	Presentation skills:	Are you conveying the message efficiently and timely? Do you use appropriate words, speed, tone of voice, gestures, movement etc. to express your thoughts in a clear manner?	5	
	Argumentation:	Are you able to readily and briskly react to questions or comments? Are you able to explain unclear parts and connect comments to relevant places in your presentation or parts of particular analyses? How well are you able to defend to your ideas and recommendations?	5	
			100	0

Other comments:

The author chose a topic which is relevant and up to date. The current work shows lots of improvements but frankly I am still not persuaded about applicability of suggestion in the Czech Republic. Specifically, due to the fact, that I would still need bit more data and benchmarking to understand and be persuaded that we are the good candidates for Finish but even Slovenian model.

Questions or comments to be discussed during the thesis defence:

The author stated:" *Digital services as share of GDP indicates development of innovative industries in a country which could be also a driver of disruption in waste management. Digital capabilities in the industrial sphere are important for accessibility of technologies. On top it should indicate how a government is approachable to new solutions and educated in the area of innovations. Finally, digital companies are usually eco-friendlier and push sustainable way of doing business such as paperless, low-ecological footprint, recycling etc."*

I would like to understand whether there is any study supporting this statement, specifically about higher eco-friendliness of digital companies. The fact that they may be more eco-friendly by their nature, does not mean that it is true.

I also did not find this criterion relevant by only saying that country having more digital companies may be more eco-friendly. It would be required to see the whole industry structure. You could have e.g. more digital companies compared to other country but in the same time more companies in metal casting or other industry producing more CO_2 or waste.

The name of the Supervisor:

Ing. Ladislav Tyll, MBA., Ph.D.

The employer of the Supervisor:

KSG FPH VŠE

Date 21. 5. 2019

Signature of the Supervisor: