



Department:	112
Author:	Bc. Eva Chvátalová
Title:	Branch environment of solar energy production in the Czech Republic and Germany
Supervisor:	Ing. Sylvie Gurská, Ph.D.

Part I – Basic requirements for master thesis

Instructions:

- The first part of the review concentrates on critical parts of master thesis that are required to recommend the thesis to be defended. These aspects could be evaluated only by answers yes-no.
- If at least one aspect is evaluated in the negative way, the thesis may not be recommended for defense. The reasons for the negative decisions should be specified and the second part of the review does not have to be completed.

1. Does the thesis contain objective defined correctly and does the objective correspond to the common requirements for the master thesis?	YES
2. Is the review of literature including the citations and references elaborated correctly from the methodological and formal point of view?	YES
3. Does the thesis include precise description of used methods and are these methods suitable for defined objective?	YES
4. Does the thesis covers the clear conclusions, reasoned recommendations, justified suggestions, etc. that bring new knowledge or information?	YES

Reasons for negative answers, specification of missing or unsatisfactory parts:

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Part II – Quality of master thesis

Instructions:

- The second part of the review regards with quality evaluation of selected aspect of the thesis. The thesis could obtain 0-60 points in total. Zero points correspond to thesis meeting only the minimal requirements, while thesis evaluated by 60 points is excellent and inventive in all evaluated aspects.
- The evaluation scale has five levels:
 - accomplished, at the level of minimum of requirements given in part I (0 points)
 - accomplished with significant but not critical imperfections (2 points)
 - accomplished, the imperfections do not influence the merit of the thesis and mainly the results (5 points)
 - accomplished fully without any reservations and in the exhausting way (8 points)
 - excellent, extraordinary, originative and completely correct accomplishment (10 points)
- Points assigned in evaluation of individual aspect have to be briefly justified; the extraordinary solutions have to be considered.

5. Contribution, originality, demandingness of the thesis	Points: 8
(frequency of the issue, non-existence of conventional solution, unavailability of solution for researched conditions, expected and real contribution of the thesis, extent of the specific knowledge needed to meet the objective, ...)	
<p>The topic selected by the author is very actual. The problem of alternative energy sources is recently often discussed. Germany is very suitable country to compare with. The possibilities of solar energy use could be seen here as a challenge for Czech business units/investors. The thesis has real contribution from the theoretical as well as practical point of view.</p>	

6. Quality of the review of the literature	Points: 8
(extent of surveyed literature and its up-to-dateness and representativeness, use of foreign and cardinal sources, suitability of survey for own research,, discussion of alternative approaches, analysis of citations and references, synthesis of theoretical knowledge for own research,...)	
The author surveyed a lot of literature sources, scientific articles as well as up-to date electronic sources. She used both Czech and foreign sources, discussed alternative approaches and possibilities. She analyzed citations from different points of view. The theoretical knowledge is appropriate to the topic selected by author and is used for the own research.	

7. Methodology and its application	Points: 2
(discussion of suitability of chosen method, comparison of alternative attitudes, possibility to verify the results, correctness of application of methods, suitability of data samples used, preventing errors and shortages of applied methods, comparison of results, variations reasoning, ...)	
Methods chosen to solve the problem are suitable for this purpose. The limits could be seen in the methods used to analyse the external environment (PESTE analysis, Porter´s fve fources etc.). On the other hand it has to be mentioned that there aren´t any new methods how to analyze the environment. The current authors use the old models or just modify the basic ones. The author of the thesis used mostly secondary data and analyzed them. The information could be boosted with primary research but it would extend the range of the diploma thesis.	

8. Own research	Points: 8
(depth and complexity of performed analysis, extent of use of knowledge from literature review, proving facts, suitability of samples and sources used, treatment of data errors, level of meeting the thesis objective, hypotheses answering, ...)	
The PESTE analysis was complex and the results from the Czech Republic were compared with Germany and the EU. Based on the results from the PESTE analysis and the branch environment analysis the authors identified the opportunities and threats, and the barriers of entry in this branch. The strategies for the Czech companies were suggested. It can be stated that the author used the methods and theoretical knowledge mentioned in the literature review and meet the objective of the thesis.	

9. Conclusions and recommendations	Points: 8
(correctness of conclusions, explicit formulations, adequacy of suggestions, generalizing conclusions, applicability of recommendations, ...)	
Based on the comparison of both states the recommendations were suggested. All of them are a logical output of the analyses done in the analytical part. The conclusions are correct and generalized for the whole industry. The reccomendations could be applicable in the praxis. For better understanding and imagination of the costs connected with establishment of such a sollar plant a case study was proposed.	

10. Logical framework, formal requirements	Points: 8
(correct structure, logical coherence of text, correctness of terminology, explicitness and clarity of graphics, accurateness of language, ...)	
The structure of the thesis is logical and correct. The terminology used is appropriate. There are no problems with the formal structure.	

Part III – Summary and final evaluation

Instructions:

1. After summarizing the points the reviewer marks with a cross the appropriate final evaluation according to corresponding interval of points.
2. The clear final decision has to be stated in the conclusion. The thesis can be recommended to be defended only in the case, when there is no negative evaluation in the part I of this review.
3. In the following part the reviewer has the opportunity to give his/her opinion to thesis as a whole and give further suggestions and comments.

Total points: 42 points

Final evaluation:

	0–12 points	accomplished at the level of minimum of requirements given in part I
	13–24 points	accomplished with significant but not critical imperfections
	25–36 points	accomplished, the imperfections do not influence the merit of the thesis and mainly the results
X	37–48 points	accomplished fully without any reservations and in the exhausting way
	49–60 points	excellent, extraordinary, originative and completely correct accomplishment

Final decision: **I RECOMMEND** thesis to be defended.

Further comments and suggestions the author should discuss within the defense of the thesis:

What is the role of European union in the solar energy production? Which tools can the national government use to support or to suppress the solar energy production?

Date: 30.5.2013

Name and signature of the supervisor: Ing. Sylvie Gurská, Ph.D.

Date:

Name and signature of the head of the department: