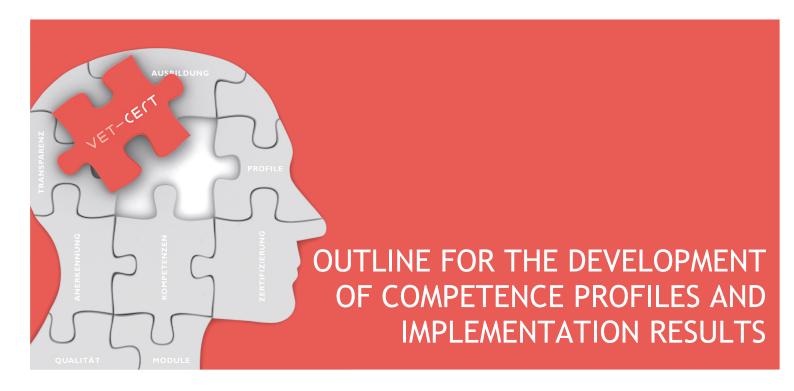
# VET-CECT



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## Outline for the development of competence profiles and implementation results

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Vienna, April 2012

Imprint
Publisher:
ARQA-VET within the OeAD-GmbH
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This publication has been developed in the framework of the VET-CERT project.



Qualifizierung als Weg zur Qualität: Zertifizierung von Personen mit Funktionen innerhalb von Qualitätsmanagementsystemen in der beruflichen Erstausbildung sowie in der Erwachsenenbildung.

Qualification as a way to quality: Certification of persons holding functions in quality management systems in initial VET and in adult education



This project (project number 191180-LLP-1-2010-1-AT-LEONARDO-EQAVET) has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

### 1. INTRODUCTION

One activity within the framework of the VET-CERT project is to develop a framework curriculum for quality managers in the school-based VET sector. These quality managers are actors at school, provincial and federal level who are active in the operational or strategic areas as part of QIBB.  $\ddot{o}ibf$  had the task to outline competence profiles as the basis for curriculum development. At the beginning of the development activities, the following parameters were specified:

- The objective is to develop competence profiles for all functions held in the quality management system of the school-based VET sector (QIBB)<sup>1</sup>.
- These competence profiles have to apply to all school types.
- In terms of methodology, the competence profiles have to build on practical reality (inductive approach).
- The competence profiles need to be matched with existing school type-specific task and/or role descriptions.

The procedure for competence profile development as chosen by  $\ddot{o}ibf$  builds on Gianni Ghisla's CoRe model - a well established method of VET research for curriculum development<sup>2</sup>. This model provides for four modelling phases:

- modelling of the action field;
- identification of situations of occupational action, of everyday life and of resources;
- definition of competences and the competence profile;
- development of the educational plan.

The following sections explain how the CoRe model has been implemented and adapted.

## 2. PHASE I: MODELLING OF THE ACTION FIELD

The (occupational) action field denotes "the specific activity areas of an occupation"<sup>3</sup>. The objective within the framework of the VET-CERT project was not to develop competence profiles for a specific occupation but rather to develop competence profiles for *one* activity area (in concrete terms: the implementation of the quality management system QIBB). This activity area forms part of an existing system and is therefore well structured and described. The processes and instruments can be illustrated by using the quality control cycle (see Diagram 1).

CoRe foresees that the modelling of the occupational action field is conducted in workshops jointly with experts and validated by participants. Starting from the assumption that the experts involved in the procedure under study already know the QIBB model and act accordingly, no modelling was conducted in the group.

<sup>3</sup> Cf. Ghisla 2007: 26.

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<sup>&</sup>lt;sup>1</sup> At the federal level, it was decided not to develop competence profiles for strategic actors (the heads of the units with responsibility for specific school types).

<sup>&</sup>lt;sup>2</sup> Ghisla, Gianni (2007) "Überlegungen zu einem theoretischen Rahmen für die Entwicklung von kompetenzorientierten Curricula" ["Reflections about a Theoretical Framework for the Development of Competence-oriented Curricula"], Swiss Federal Institute for Vocational Education and Training, s.l. [N.B.: All the quotes from Ghisla's publication have been translated from German to English by the authors of this text. All the page numbers refer to the German-language publication.]

Diagram 1: Quality control cycle in QIBB



	PLAN
Planen	Plan
Ziele und Programm	Objectives and programme
Leitbild	Mission statement
Q-Matrix	Q-matrix
Arbeits-/Schulprogramm	Work programme/school programme
	DO
Umsetzen	Implement
Zielvereinbarung	Objective-setting discussion
Prozesse	Processes
Maßnahmen	Measures
	CHECK
Evaluieren & auswerten	Evaluate & interpret
Evaluierungsstrategie	Evaluation strategy
Indikatoren	Indicators
Evaluierungsinstrumente	Evaluation instruments
Daten & -auswertungen	Data & data evaluations
	ACT
Überprüfen & erkennen	Test & recognise
Berichte, Analysen & Schlussfolgerungen	Reports, analyses & conclusions
Qualitätsbericht	Quality report
Management- & Performance Review	Management & performance review

 $Source: http://www.qibb.at/fileadmin/content/qibb/Bilder/GIF/Qualitaetskreislauf\_gesamt.GIF~[08.06.2011].$ 

## 3. PHASE II: IDENTIFICATION OF SITUATIONS OF OCCUPATIONAL ACTION AND OF RESOURCES

#### Object of survey

This work is based on a definition of competence which is oriented to situations and not merely to subjects:

"First and foremost, competence is understood as the ability of individual and collective subjects to successfully master a class of situations, or a single situation if appropriate, and thus carry out an activity. To be competent in situations it is necessary to activate individual or group-bound resources, viz. knowledge, skills and attitudes" (Ghisla 2007: 20)

This means that, according to CoRe, the preparation of competence profiles entails documentation of activities and/or actions in a situational context and of resources.

Unlike Ghisla the procedure under study puts special focus on occupational action situations.<sup>4</sup> The survey of activities aimed to collect relevant situations which illustrate the entire action field. The next task was to describe the resources (knowledge, skills, attitudes) that are necessary from the viewpoint

of the experts. These were personal resources rather than framework conditions (time or financial resources). In the group interviews, the following working definitions were used<sup>5</sup>:

- "Knowledge denotes an understanding of, or components of knowledge [...] about, a specific subject area [...]";
- "A skill is a cognitive, social or communicative, motor or practical resource [...] which [...] enables an individual to carry out activities";
- "An attitude denotes forms of behaviour which [...] are triggered by specific, personal preferences, values and norms".

According to Ghisla it is also necessary to take external resources (tools, instruments, etc.) into account.

## Scope of survey and participation

In the period between October 2011 and January 2012 seven group interviews were held with actors at school, provincial and federal level. The participants were selected with the aim of ensuring a balanced representation of all school types and provinces. The group interviews can be broken down as follows:

- four group interviews with principals and SQPMs (in Vienna, Graz, Linz), of which one group interview with representatives of part-time vocational schools;
- two group interviews with representatives of the school supervision and LQPMs (in Vienna);
- one group interview with BQPMs (in Vienna).

Table 1 provides an overview of the participant structure of the group interviews overall:

<sup>&</sup>lt;sup>4</sup> The CoRe model additionally foresees the description of so-called 'everyday life situations'. This was not done for this model because of lack of time.

<sup>&</sup>lt;sup>5</sup> **C**f. Ghisla 2007: 20.

Table 1: Participant group structure in the group interviews

	SQPMs	Principals	LQPMs	School Inspectorate	BQPMs	Total
Colleges of business administration	1	1	1	1	1	5
Schools and colleges of social and services	4	4	1	0	0	9
Colleges of engineering	2	3	1	1	1	8
Nursery teacher training colleges and colleges of	1	3	1	1	1	7
Part-time vocational schools	4	4	1	0	0	9
Total	12	15	5	3	3	38

Source: in-house presentation.

### Securing the findings

After every group interview, the participants as well as people who had been invited but could not attend received a transcript of the findings obtained during the interviews. Therefore all the people involved had the opportunity to correct and/or supplement the secured findings. This allowed the inclusion of the views of other holders of functions in written form.

The next step was to consolidate the findings of all group interviews at the respective level (four group interviews at school level, two group interviews at provincial level).

## 4. PHASE III: FORMULATION AND STRUCTURING OF THE COMPETENCE PROFILES

#### Clustering

The first step towards the competence profiles was to cluster the action situations by topic and have them validated by participants. The objective was to cluster the situations along the quality control cycle but this could not always be achieved in the group interviews (see also below). Therefore the first clustering was conducted largely separately from the action field.

#### Differential analysis

QIBB comprises task and/or role descriptions for specific holders of functions (see Stocktaking Report), which have been prepared in particular by the bm:ukk units with responsibility for specific school types. To supplement the inductive approach that is based on CoRe, a matching process was carried out between the already existing task and/or role descriptions on the one hand and the findings of the group interviews on the other. The content items not analysed in the inductive approach were included in the report afterwards.

#### Structuring

According to Ghisla, the competence profiles should contain the following information:

- "- short description of activity and its objectives;
- minimum contextualisation;<sup>6</sup>
- indications of the major resources required"<sup>7</sup>.

The five competence profiles were structured correspondingly in line with the findings of the group interviews (see Table 2).

Table 2: Structure of competence profiles

Competence area	Situations	The quality manager	Resources
Phase of the quality control cycle  or	Situations within the competence area	Individual actions	Knowledge Skills Attitudes
Competence area covering different phases			

Source: in-house presentation.

One requirement made on the five competence profiles to be developed was that they were structured according to uniform action categories. As it was not always possible in the course of the group interviews to cluster actions according to the phases of the quality control cycle (action field), this was done later by involving QIBB experts. In this phase, the structure of competence profiles as presented in Diagram 2 was specified. Items 1 to 4 correspond to the phases of the quality control cycle. Items 5 to 8 correspond to global competence areas which cannot be allocated to the phases of the quality control cycle and can be found in all competence profiles, with Item 8 concerning an area which can only be allocated to strategic actors.

Diagram 2: Structure of competence profiles

- 1. PLAN: Planning of quality activities
- 2. DO: Implementation of Q-measures and Q-projects
- 3. CHECK: Evaluation of Q-measures and Q-projects
- ACT: Deduction and planning of measures from evaluation results; documentation
- 5. Information about QIBB and quality management
- 6. Motivation to carry out quality activities
- 7. Ensuring further and continuing training with QM focus
- 8. Setting up and organising structures of cooperation in the field of quality

 $\underline{Source} \hbox{: in-house presentation.}$ 

### 5. PHASE IV: CURRICULUM DEVELOPMENT

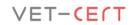
The developed competence profiles form the basis for curriculum development, which is conducted by other project partners.

<sup>&</sup>lt;sup>6</sup> Short description of the context.

<sup>&</sup>lt;sup>7</sup> Cf. Ghisla 2007: 36.

## **SQPM (School Quality Process Manager)**

No.	Competence area	Situation	The SQPM	Knowledge (K), skills (S), attitudes (A)
1	Planning of dilality	Development of the work/school	helps the school management determine the school's quality focuses and school programme.  helps the school management plan the implementation of nationwide and, if necessary, province-wide quality focuses.	<ul> <li>K: comprehensive knowledge about QIBB; knowledge about process control (developing, promoting, formulating objectives, designing measures, comparing the actual and target values)</li> <li>S: strategic and networked thinking; ability to think analytically; ability to think synthetically;</li> </ul>
	activities	programme	cooperates in checking the school's quality focuses are in line with the mission statement and the Q-matrix.	vision and creativity; ability to set priorities  A: openness; will to change, spirit of innovation; constructive critical attitude towards the system; positive basic attitude / solution orientation
			helps the school management draw up the school programme / school quality report.	
	DO: Implementation of Q-	Implementation of the work/school	helps implement Q-measures and Q-projects and, if necessary, independently implements Q-projects which have been delegated to him/her.	knowledge about diversity management; knowledge about process control; knowledge about the school system and responsibilities (clarity regarding roles)  S: strategic and networked thinking; ability to think analytically; ability to think synthetically;
2	measures and Q- projects	programme	coordinates the quality activities in the expert groups and working groups and if necessary provides his/her project management know-how.	ability to set priorities; ability to inspire, motivate, convince; determination; ability to assert oneself; ability to cooperate with everyone at professional level; sense of what is feasible A: appreciation and respect; will to change; spirit of innovation
			helps the school management develop the evaluation plan (federal and, if necessary, provincial and school quality focuses).	
		Preparation of the evaluation	coordinates the implementation of the evaluation plan and helps organise the required documents (such as TANs) and create the necessary framework conditions (such as rooms, IT equipment).	K: comprehensive knowledge about QIBB; in-depth knowledge about Office software; knowledge about presentation techniques; knowledge about quantitative and qualitative
3	CHECK: Evaluation of Q-		if necessary, cooperates in developing quantitative and qualitative survey instruments (such as questionnaires, interview guidelines) for the school's evaluation focuses.	evaluation instruments and methods as well as their applications; basic knowledge about statistics  S: ability to think analytically; ability to think synthetically; ability to inspire, motivate, convidetermination; ability to assert oneself; perseverance; ability to organise; patience and endurance; critical faculties (giving and accepting)  A: appreciation and respect; composure; empathy; positive basic attitude / solution orientation; willingness to help
	measures and Q- projects	Implementation of the evaluation	provides help to the people involved in implementing the evaluation if required.	
		Evaluation of the evaluation results	collects data from evaluations outside the QIBB platform if necessary.	
			cooperates in the analysis and processing of the evaluation results.	
		Presentation of the evaluation results	cooperates in the presentation and dissemination of the evaluation results.	
		Analysis of the evaluation results	helps the school management analyse and interpret the evaluation results.	
		Deduction of measures	helps the school management elaborate proposals for Q-measures and Q-projects (such as on the basis of the evaluation results, feedback from colleagues) and examine compliance with the Q-matrix and Q-mission statement.	K: comprehensive knowledge about QIBB; knowledge about process control; knowledge
	ACT:		helps the school management reach consensus on proposals for Q-measures and Q-projects.	about the school system and responsibilities (clarity regarding roles); knowledge about function-oriented formulations; knowledge about evaluation instruments and methods, basic knowledge about statistics; fundamentals of project management
	a a a a a a a a a a a a a a a a a a	Conception of Q-measures and Q-projects	helps the school management conceive project assignments for Q-measures and Q-projects on the basis of the proposals.	S: strategic and networked thinking; ability to think analytically; ability to think synthetically; sense of what is feasible; vision and creativity; ability to set priorities; consistency; patience
ev	evaluation results; documentation	Preparation of the work programme or school programme / the school's	participates in the development of the school programme / the school's quality report, integrating the project assignments for Q-measures and Q-projects.	and endurance  A: appreciation and respect; positive basic attitude / solution orientation; frustration
		quality report	participates in gathering and collecting information and documents for the school's quality report.	tolerance; openness; constructive critical attitude towards the system; willingness to work on the system; fairness
		Documentation	ensures documentation of the processes and results that are relevant for quality activities at school level.	
		Documentation	documents his/her own function-related activities as an SQPM.	





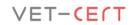






## **SQPM (School Quality Process Manager)**

No.	Competence area	Situation	The SQPM	Knowledge (K), skills (S), attitudes (A)
			helps the school management inform the school community about QIBB (priorities, objectives, projects, etc.).	
			informs colleagues about the status of Q-measures and Q-projects.	
		Provision of information and communication	transfers the knowledge he/she has acquired in QM training courses to the school level by further developing materials and documents and/or presenting short reports at conferences.	K: comprehensive knowledge about QIBB; knowledge about other QM systems; knowledge about process control; knowledge about the school system and responsibilities (clarity
	Information about QIBB		pools, documents and systematises the questions about quality management and school development which have been submitted to him/her by colleagues, elaborates proposals and submits them to the school management.	regarding roles); knowledge about presentation techniques; knowledge about moderation techniques; knowledge about communication and PR techniques; knowledge about active listening techniques; knowledge about rhetoric
		Expert knowledge about quality management	supports the school management and colleagues in expert issues related to the school's quality management.	S: ability to think synthetically, patience and endurance; ability to inspire, motivate, convince; ability to switch perspectives; ability to present and explain difficult circumstances appropriately for the target group; ability to cooperate with everyone at professional level;
		Networks and exchange	organises regular meetings with colleagues about the quality activities conducted at the school.	organising skills; ability to establish networks  A: appreciation and respect; openness; loyalty; authenticity; willingness to help; awareness
			participates in organising events aiming at QM-related exchanges with colleagues (such as continuing training for teachers, conferences).	of own needs and consideration of the needs of other people
			cooperates with regional quality project managers (LQPMs).	
			takes part in networking meetings of SQPMs at provincial level, if necessary.	
6	Motivation to carry out quality activities	Motivation to carry out quality work		K: knowledge about conflict management; comprehensive knowledge about QIBB; knowledge about active listening techniques S: ability to inspire, motivate, convince; ability to act appropriately in different situations; strategic and networked thinking; communication skills; vision and creativity; ability to present and explain difficult circumstances appropriately for the target group; ability to deal with conflicts; perseverance; patience and endurance; consistency; stress resistance A: positive basic attitude/solution orientation; appreciation and respect; fairness; frustration tolerance; authenticity; empathy
	continuing training with	Need for further and continuing training at school level	helps the school management collect and identify the colleagues' need for further and continuing training on QM-related topics cooperates in the planning and organisation of training programmes with QM focus which are tailored to the school's requirements.	K: comprehensive knowledge about QIBB; knowledge about other QM systems S: organising skills; ability to switch perspectives; anticipation skills A: willingness to learn and take part in further training activities; curiosity; awareness of own
	QM focus	Participation in further and continuing training measures	takes part in further and continuing training on topics of quality management.	needs and consideration of the needs of other people











## **LQPM (Regional Quality Process Manager)**

No.	Competence area	Situation	The LQPM	Knowledge (K), skills (S), attitudes (A)	
			helps the school supervisory board specify province-wide quality focuses if necessary helps the school supervisory board plan the implementation of nationwide quality	W. comprehensive knowledge shout OIRDs knowledge shout process control (developing	
1	Planning of quality	Development of the work programme at provincial level / of the province's quality report	focuses at provincial level.  if necessary, helps the school supervisory board examine compliance of the province-wide quality focuses with the possibly existing mission statement of the province and/or the mission statement of the specialist pedagogical department of BMUKK and the Q-matrix.	<ul> <li>K: comprehensive knowledge about QIBB; knowledge about process control (developing, promoting, formulating objectives, designing measures, comparing the actual and target values)</li> <li>S: strategic and networked thinking; ability to think analytically; ability to think synthetically vision and creativity; ability to set priorities</li> <li>A: openness; will to change, spirit of innovation; constructive critical attitude towards the</li> </ul>	
			helps the school supervisory board develop the work programme at provincial level / the province's quality report.	system; positive basic attitude / solution orientation	
	DO:	Implementation of the work	helps the school supervisory board implement the quality activities at provincial level and, if necessary, makes available his/her know-how on project management.	K: comprehensive knowledge about QIBB; fundamentals of project management; knowledge about diversity management; knowledge about the school system and responsibilities (clarity regarding roles)	
2	Implementation of Q-measures and Q-projects	Implementation of the work programme at provincial level / of the province's quality report	exchanges his/her views about quality activities at schools with the school supervisory board.	S: strategic and networked thinking; ability to set priorities; ability to inspire, motivate, convince; determination; ability to cooperate with everyone at professional level; sense of	
		are province o quality report	supports SQPMs in the implementation of quality activities at schools if necessary.	what is feasible  A: appreciation and respect; will to change, spirit of innovation	
			helps the school supervisory board prepare the evaluation plan at provincial level		
	CHECK: Evaluation of Q- measures and Q-projects	Preparation of the evaluation	(nationwide and, if necessary, province-wide quality focuses).  if necessary, helps the school supervisory board select province-wide quality focuses as part via the evaluation of the QIBB-platform and/or, if necessary, develop own survey instruments (outside the QIBB-platform).	K: comprehensive knowledge about QIBB; in-depth knowledge about Office software; knowledge about presentation techniques; knowledge about quantitative and qualitative evaluation instruments and methods as well as their applications; basic knowledge about statistics  S: ability to think analytically; ability to think synthetically; ability to inspire, motivate, convince; determination; ability to assert oneself; perseverance; critical faculties (giving and accepting)	
3			helps the school supervisory board inform schools about planned evaluations.		
		Implementation of the evaluation	helps schools organise and implement evaluation measures as scheduled.	A: appreciation and respect; composure; empathy; positive basic attitude / solution orientation; willingness to help	
		Evaluation of the evaluation results  Presentation of the evaluation results	helps the school supervisory board evaluate the evaluation results (nationwide and, if necessary, province-wide quality focuses) cooperates in the presentation and dissemination of the evaluation results at provincial level.		
		Analysis of the evaluation results	helps the school supervisory board analyse and interpret the evaluation results at provincial level.		
		Deduction of measures	helps the school supervisory board elaborate proposals for Q-measures and Q-projects and examine compliance with the possibly existing mission statement of the province and/or the mission statement of the specialist pedagogical department of BMUKK and the Q-matrix.	K: comprehensive knowledge about QIBB; knowledge about process control; knowledge	
	ACT:		helps the school supervisory board reach consensus on proposals for Q-measures and Q-projects at provincial level with principals.	about the school system and responsibilities (clarity regarding roles); knowledge about function-oriented formulations; knowledge about evaluation instruments and methods,	
	Deduction and planning of measures from	Conception of Q-measures and Q-projects	helps the school supervisory board conceive project assignments for Q-measures and Q-projects at provincial level on the basis of proposals.	basic knowledge about statistics; fundamentals of project management S: strategic and networked thinking; ability to think analytically; ability to think synthetically;	
4	evaluation results; documentation	. •	participates in the development of the work programme at provincial level / the province's quality report, integrating the project orders for Q-measures and Q-projects.	sense of what is feasible; vision and creativity; ability to set priorities; consistency; patience and endurance  A: appreciation and respect; positive basic attitude / solution orientation; frustration tolerance; openness; constructive critical attitude towards the system; willingness to work on the system; fairness	
		the province's quality report	participates in gathering and collecting information and documents for the province's quality report.		
			ensures documentation of the processes and results that are relevant for quality activities at provincial level.		
		Documentation	documents his/her own function-related activities as an LQPM.		
				documents the perceived needs, requests and ideas of holders of functions at school level and introduces them into the work with the school supervisory board.	





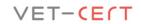






## **LQPM (Regional Quality Process Manager)**

No.	Competence area	Situation	The LQPM	Knowledge (K), skills (S), attitudes (A)
			informs about QIBB activities, instruments, objectives and the latest developments, evaluation results and good-practice examples in his/her own province and acts as point of contact for issues with QM relevance.	
		Provision of information and communication	organises information events for principals and SQPMs about Q-related issues in agreement with the school supervisory board.	K: comprehensive knowledge about QIBB; knowledge about other QM systems;
	Information about QIBB		helps the school supervisory board in its communication practice (coordination, filtering of information, type of transmission, development of information measures, etc.) and in the procurement of information.	knowledge about presentation techniques; knowledge about moderation techniques; knowledge about communication and PR techniques; knowledge about active listening techniques; knowledge about rhetoric  S: ability to think synthetically; ability to inspire, motivate, convince; ability to present and
5	and quality management	Expert knowledge about quality management	helps the school supervisory board and SQPMs in expert issues related to QM.	explain difficult circumstances appropriately for the target group; ability to cooperate with
		management	takes part in nationwide networking meetings of LQPMs.	everyone at professional level; organising skills; ability to establish networks <b>A:</b> appreciation and respect; loyalty; authenticity; willingness to help; awareness of own
		Networks and exchange	prepares the topics and organisation of LQPM/SQPM networking meetings in agreement with the school supervisory board, accepts the chair if necessary, and thus creates the basis for experience exchange about the latest developments and tools in quality management.	needs and consideration of the needs of other people
			holds speeches ansd presentations about Q-related topics in nationwide and province-wide networking meetings.	
6	Motivation to carry out quality activities	Motivation to carry out quality activities	demonstrates the benefit of quality activities and helps principals and SQPMs.	K: knowledge about conflict management; comprehensive knowledge about QIBB; knowledge about active listening techniques S: ability to inspire, motivate, convince; ability to act appropriately in different situations; strategic and networked thinking; communication skills; vision and creativity; ability to present and explain difficult circumstances appropriately for the target group; ability to deal with conflicts; perseverance; patience and endurance; consistency; stress resistance A: positive basic attitude/solution orientation; appreciation and respect; fairness; frustration tolerance; authenticity; empathy
7	Ensuring further and continuing training with	Need for further and continuing training at provincial level	helps the school supervisory board identify the schools' need for further and continuing training on QM-related topics.	K: comprehensive knowledge about QIBB; knowledge about other QM systems; knowledge about the structures and programmes provided by university colleges of teacher education S: organising skills; ability to switch perspectives; anticipation skills
	QM focus		helps the school supervisory board coordinate and design further and continuing training on QM-related topics in the respective province.	A: willingness to learn and take part in further training activities; curiosity; awareness of own needs and consideration of the needs of other people
		Participation in further and continuing training measures	takes part in further and continuing training on topics of quality management.	











## **BQPM (Federal Quality Process Manager)**

Competence area	Situation	The BQPM	Knowledge (K), skills (S), attitudes (A)
PLAN:	Development of the search	helps the management of the specialist department plan the implementation of the nationwide quality focuses.	<b>K</b> : comprehensive knowledge about QIBB; knowledge about process control (developing, promoting, formulating objectives, designing measures, comparing the actual and target values)
Planning of quality activities	Development of the work programme of the specialist pedagogical department	helps the management of the specialist department examine compliance of the nationwide quality focuses with the mission statement of the specialist pedagogical department and the Q-matrix.	S: strategic and networked thinking; ability to think analytically; ability to think synthetically vision and creativity; ability to set priorities  A: openness; will to change, spirit of innovation; constructive critical attitude towards the
		cooperates in planning the work programme of the specialist pedagogical department.	system; positive basic attitude / solution orientation; loyalty
DO:		helps the management of the specialist department implement the quality activities at federal level and, if necessary, makes available his/her know-how on project management.	K: comprehensive knowledge about QIBB; knowledge about other QM systems; fundamentals of project management; knowledge about process control S: strategic and networked thinking; ability to set priorities; ability to inspire, motivate,
Implementation of Q- measures and Q- projects	Implementation of the work programme of the specialist pedagogical department	helps the management of the specialist department adapt and (further) develop QIBB instruments at federal, provincial and school level.	convince; determination; sense of what is feasible; ability to present and explain difficult circumstances appropriately for the target group; ability to act appropriately in different situations <b>A:</b> appreciation and respect; will to change, spirit of innovation; composure; positive basic
		participates in the implementation of the planned Q-projects and Q-measures at federal level.	attitude / solution orientation; awareness of own needs and consideration of the needs of other people
		helps the management of the specialist department prepare the evaluation plan at federal level (nationwide quality focuses).	
CHECK:	Preparation of the evaluation	helps the management of the specialist department select quality focuses specific for the specialist department as part of the evaluation via the QIBB-platform and/or, if necessary, externally order the development of own survey instruments (outside the QIBB-platform).	K: comprehensive knowledge about QIBB; in-depth knowledge about Office software; knowledge about presentation techniques; knowledge about quantitative and qualitative evaluation instruments and methods as well as their applications; basic knowledge about statistics
Evaluation of Q- measures and Q- projects		helps the management of the specialist department inform schools about planned evaluations.	S: strategic and networked thinking; ability to think analytically; ability to think synthetically ability to inspire, motivate, convince; determination; ability to assert oneself; perseverance
projects	Implementation of the evaluation	observes the participation of schools in the evaluation of the nationwide quality focuses.	patience and endurance; critical faculties (giving and accepting) A: appreciation and respect; composure; empathy; positive basic attitude / solution orientation
	Evaluation of the evaluation results	helps the management of the specialist department evaluate the nationwide evaluation results.	
	Presentation of the evaluation results	cooperates in the presentation and dissemination of the evaluation results at federal level.	
	Analysis of the evaluation results	helps the management of the specialist department analyse and interpret the evaluation results at federal level.	
	Deduction of measures	helps the management of the specialist department elaborate proposals for Q-measures and Q-projects and examine compliance with the mission statement of the specialist pedagogical department and the Q-matrix.	
	Conception of Q-measures and Q-projects	helps the management of the specialist department conceive project assignments for Q-measures and Q-projects at federal level on the basis of proposals.	K: comprehensive knowledge about QIBB; knowledge about process control; knowledge about evaluation instruments and methods, basic knowledge about statistics; knowledge
ACT: Deduction and planning	Development of the work programme of the specialist	participates in the development of the pFA's work programme / the pFA's federal quality report, integrating the project orders for Q-measures and Q-projects.	about function-oriented formulations; fundamentals of project management S: strategic and networked thinking; ability to think analytically; ability to think synthetically
of measures from evaluation results;	pedagogical department (pFA) / the pFA's federal quality report	participates in gathering and collecting information and documents for the federal quality report.	sense of what is feasible; vision and creativity; ability to set priorities; consistency; patier and endurance; organising skills
documentation	Interface between BMUKK and the provincial level	prepares meetings of the BMUKK's specialist pedagogical department with the provincial level and documents them.	A: appreciation and respect; positive basic attitude / solution orientation; frustration tolerance; openness; constructive critical attitude towards the system; willingness to work of the system; fairness
		ensures documentation of the processes and results that are relevant for quality activities at federal level.	ure system, raimess
	Documentation	documents his/her own function-related activities as a BQPM.	
	Documentation	documents the perceived needs, requests and ideas of holders of functions at provincial level and introduces them into the work of the specialist pedagogical department.	











## **BQPM (Federal Quality Process Manager)**

Competence area	Situation	The BQPM	Knowledge (K), skills (S), attitudes (A)
		acts as point of contact at federal level.	
		represents the standpoint of the BMUKK's specialist pedagogical department.	K: comprehensive knowledge about QIBB; knowledge about other QM systems; knowledge
	Provision of information and communication	prepares school type-specific information about QIBB and presents it before different target groups at provincial and school level.	about presentation techniques; knowledge about moderation techniques; knowledge about communication and PR techniques; knowledge about active listening techniques; knowledge about rhetoric
Information about QIBB and quality		reflects on the communication structures between the federal and provincial levels and introduces suggestions for improvement.	S: strategic and networked thinking; ability to think synthetically; ability to inspire, motivate, convince; ability to present and explain difficult circumstances appropriately for the target
management	Expert knowledge about quality management	helps the management of the specialist department and LQPMs in expert issues related to QM.	group; ability to set up networks and work in them <b>A:</b> appreciation and respect; loyalty; authenticity; willingness to help; awareness of own needs and consideration of the needs of other people
	Activities in networks and experience exchange	creates the basis for networks and fosters exchanges of experience between the specialist pedagogical department and holders of functions in QIBB.	needs and consideration of the needs of other people
Motivation to carry out quality activities	Motivation to carry out quality activities	demonstrates the benefit of quality activities and helps the school supervisory board and LQPMs.	K: knowledge about conflict management; comprehensive knowledge about QIBB; knowledge about active listening techniques S: ability to inspire, motivate, convince; ability to act appropriately in different situations; strategic and networked thinking; communication skills; vision and creativity; ability to present and explain difficult circumstances appropriately for the target group; ability to deal with conflicts; perseverance; patience and endurance; consistency; stress resistance A: positive basic attitude/solution orientation; appreciation and respect; fairness; frustration tolerance; authenticity; empathy
Ensuring further and continuing training with QM focus	Conception of further and continuing training events	conceives further training events if necessary and organises them.	K: comprehensive knowledge about QIBB; knowledge about other QM systems; knowledge
	Need for further and continuing training at federal level	helps university colleges of teacher education plan and organise further training events about QIBB (school type-specific).	about the structures and opportunities provided by university colleges of teacher education S: organising skills; ability to switch perspectives; anticipation skills  A: willingness to learn and take part in further training activities; curiosity; awareness of own needs and consideration of the needs of other people
	Participation in further and continuing training measures	takes part in further and continuing training on topics of quality management.	The same services and the fields of only people











**Principal** 

Competence area	Situation	The principal	Knowledge (K), skills (A), attitudes (A)
		lays down the school quality focuses with the SQPM's help and, if required, in consultation with colleagues.	K: comprehensive knowledge about QIBB; knowledge about other QM systems;
PLAN: Planning of quality	Development of the work/school	plans the implementation of nationwide and, if appropriate, province-wide quality focuses.	knowledge about process control (developing, promoting, formulating objectives, designing measures, comparing the actual and target values)  S: strategic and networked thinking; ability to think analytically; ability to think
activities	programme	$\ldots$ examines compliance of school quality focuses with the mission statement and the Q-matrix.	synthetically; vision and creativity; ability to set priorities; decision-making skills <b>A:</b> openness; will to change, spirit of innovation; constructive critical attitude towards the system; positive basic attitude / solution orientation; loyalty
		develops the school programme with the SQPM's help and, if required, in consultation with colleagues.	arie system, positive basic attitude / solution orientation, loyalty
DO: Implementation of Q- measures and Q-projects	Implementation of the work/school programme	communicates the school programme and initiates its implementation.	K: comprehensive knowledge about QIBB; knowledge about organisational development and change management; fundamentals of project management; knowledge about diversity management  S: strategic and networked thinking; ability to think synthetically; ability to set prioritic ability to inspire, motivate, convince; determination; ability to assert oneself; sense of what is feasible; ability to present and explain difficult circumstances appropriately for the target group; ability to act appropriately in different situations; ability to assume
		initiates and ensures the implementation of Q-measures and Q-projects as scheduled.	responsibility for decisions  A: appreciation and respect; will to change, spirit of innovation; composure; positive basic attitude / solution orientation
		prepares the evaluation plan (federal and, if necessary, provincial and school quality focuses).	
	Preparation of the evaluation	decides, if necessary, about additional questions as part of the evaluation of the QIBB-platform and/or, if required, initiates the development of own survey instruments (outside the QIBB-platform).	K: comprehensive knowledge about QIBB; knowledge about presentation technic knowledge about evaluation instruments and methods, basic knowledge about statistics S: ability to think analytically; ability to think synthetically; ability to inspire, motiva convince; determination; ability to assert oneself; perseverance; patience and endurance; critical faculties (giving and accepting) A: appreciation and respect; composure; empathy; positive basic attitude / solution orientation
CHECK:		informs colleagues about planned evaluations.	
Evaluation of Q- measures and Q-projects	Implementation of the evaluation	observes participation in the evaluations and calls for more intensive participation if necessary.	
		ensures that evaluations are implemented as scheduled.	
	Evaluation of the evaluation results	guarantees the evaluation of the evaluation results and takes part if necessary.	
	Presentation of the evaluation results	presents and disseminates the evaluation results (at conferences, for example).	
	Analysis of the evaluation results	analyses and evaluates the evaluation results.	
	Deduction of measures	elaborates proposals for Q-measures and Q-projects (such as on the basis of the evaluation results or feedback from colleagues) and examines their compliance with the Q-matrix and Q-mission statement.	K: comprehensive knowledge about QIBB; knowledge about organisational development and change management; knowledge about process control; knowled about evaluation instruments and methods, basic knowledge about statistics;
documentation		reaches consensus on proposals for Q-measures and Q-projects with colleagues if necessary.	knowledge about communication and negotiation techniques; knowledge about function-oriented formulations; knowledge about conflict management; fundamental
	Conception of Q-measures and Q-projects		of project management  S: strategic and networked thinking; ability to think analytically; ability to think synthetically; sense of what is feasible; vision and creativity; ability to set priorities;
	Preparation of the work	develops the school programme / the school quality report, integrating the project assignments for Q-measures and Q-projects.	consistency, patience and endurance; ability to deal with conflicts; ability to assume responsibility for decisions; courage  A: appreciation and respect; positive basic attitude / solution orientation; frustration tolerance; openness; constructive critical attitude towards the system; willingness to
	programme or school programme / the school's quality report	examines if the resources required for implementing the next school programme are available.	
	Review and objective-setting discussion	discusses the school programme / the school quality report with the school supervisory board and agrees on objectives and measures for the next reporting period.	work on the system (leadership); fairness





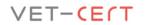






**Principal** 

No	Competence area	Situation	The principal	Knowledge (K), skills (A), attitudes (A)
		Provision of information and	informs the school community about QIBB (priorities, objectives, projects, etc.).	K: comprehensive knowledge about QIBB; knowledge about presentation techniques; knowledge about moderation techniques; knowledge about communication and PR techniques; knowledge about active listening techniques
5	nformation about QIBB and quality management	communication	communicates the school's quality activities to the school community and stakeholders.	S: strategic and networked thinking; ability to think synthetically; ability to inspire, motivate, convince; ability to switch perspectives; ability to present and explain difficult circumstances appropriately for the target group; ability to set up networks and work in them
		Networks and exchange	participates in the QM-related experience exchange with various groups (other principals, experts, etc.).	A: appreciation and respect; openness; authenticity
			motivates colleagues to carry out quality activities, supporting the SQPM's work.	K: knowledge about conflict management; comprehensive knowledge about QIBB; knowledge about active listening techniques S: ability to inspire, motivate, convince; ability to act appropriately in different
6	Motivation to carry out quality activities	Motivation to carry out quality activiting	is aware of his/her model function in the implementation of QIBB.	situations; strategic and networked thinking; communication skills; vision and creativity; ability to present and explain difficult circumstances appropriately for the target group; ability to deal with conflicts; perseverance; patience and endurance; consistency; stress resistance
			motivates the school community in day-to-day school life by making visible the advantages / benefit of quality activities, discussing problems and managing conflict.	A: positive basic attitude/solution orientation; appreciation and respect; fairness; frustration tolerance; authenticity; empathy
	Ensuring further and	Need for further and continuing training at school level	surveys the staff's need for QM-related further and continuing training and enables their participation.	K: comprehensive knowledge about QIBB; knowledge about other QM systems; knowledge about the structures and opportunities provided by university colleges of teacher education
	continuing training with  QM focus		plans and organises training programmes with QM focus which are tailored to the school's requirements.	S: organising skills; ability to switch perspectives; anticipation skills A: awareness of own needs and consideration of the needs of other people;
		Participation in further and continuing training measures	takes part in further and continuing training on topics of quality management.	willingness to learn and take part in further training activities; appreciation and respect
			appoints the SQPM.	
		Cooperation with SQPMs	establishes the SQPM's place and role within the group of colleagues and the site-specific structures.	
	Setting up and organising structures of cooperation in the field		lays down time structures of cooperation with the SQPM (such as a monthly jour fixe meeting).	K: comprehensive knowledge about QIBB; knowledge about other QM systems; knowledge about organisational development and change management; fundamentals of project management
8			if necessary, sets up a body comprising several people to carry out quality activities and determines the body's composition.	S: ability to deal with conflicts; strategic and networked thinking; ability to inspire, motivate, convince; ability to assert oneself; organising skills; ability to set up networks and work in them; courage; sense of what is feasible; understanding of
	of quality		sets up one or several working groups for the implementation of Q-measures and Q-projects if required and lays down the objectives, schedule and roles/responsibilities.	human nature; delegation skills; decision-making skills; ability to set priorities  A: appreciation and respect; willingness to be (self-)critical
			formulates work orders and assigns them to the bodies or working groups which may have been set up.	











## **School Inspectorate**

No	Competence area	Situation	The School Inspectorate	Knowledge (K), skills (S), attitudes (A)
	activities		lays down province-wide quality focuses if appropriate.	K: comprehensive knowledge about QIBB; knowledge about process control
		Development of the supply	plans the implementation of nationwide quality focuses at provincial level.	(developing, promoting, formulating objectives, designing measures, comparing the actual and target values)
1		Development of the work programme at provincial level / of the province's quality report	if necessary, examines compliance of the province-wide quality focuses with the possibly existing mission statement of the province and/or the mission statement of the specialist pedagogical department of BMUKK and the Q-matrix.	S: strategic and networked thinking; ability to think analytically; ability to think synthetically; vision and creativity; ability to set priorities; decision-making skills  A: openness; will to change, spirit of innovation; constructive critical attitude towards the system; positive basic attitude / solution orientation; loyalty
			develops the work programme at provincial level / the province's quality report with the support of the LQPM.	
			manages the quality activities in his/her own province with a view to forthcoming deadlines and tasks.	<b>K</b> : comprehensive knowledge about QIBB; knowledge about other QM systems; knowledge about organisational development and change management; fundamentals of project management; knowledge about diversity management;
	DO: Implementation of Q-	Implementation of the work programme at provincial level / of the province's quality report	initiates quality projects and measures at provincial level and implements them.	knowledge about process control S: strategic and networked thinking; ability to think analytically; ability to set priorities; ability to inspire, motivate, convince; determination; ability to assert oneself; sense of
2	measures and Q-projects		supports schools in the implementation of their Q-measures and Q-projects and advises them if necessary.	what is feasible; ability to present and explain difficult circumstances appropriately for the target group; ability to act appropriately in different situations; ability to assume responsibility for decisions
		Support for BMUKK in the further development of QIBB	supports BMUKK in the further development of QIBB instruments.	A: appreciation and respect; will to change, spirit of innovation; composure; willingness to work on the system (leadership); positive basic attitude / solution
			reflects on the QM-system and provides feedback to BMUKK.	orientation; awareness of own needs and consideration of the needs of other peop
		Preparation of the evaluation	develops the evaluation plan at provincial level (nationwide and, if appropriate, province-wide quality focuses).	
			decides, if necessary, about province-wide quality focuses as part of the evaluation via the QIBB-platform and/or, if required, initiates the development of own survey instruments (outside the QIBB-platform).	
			informs schools within his/her sphere of competence about planned evaluations.	K: comprehensive knowledge about QIBB; knowledge about presentation techniques;
	CHECK:		ensures that evaluations are implemented as scheduled.	knowledge about evaluation instruments and methods, basic knowledge about statistics; knowledge about communication and negotiation techniques; knowledge
3	Evaluation of Q-measures and Q-projects	Implementation of the evaluation	observes the schools' participation in the evaluation of nationwide and province-wide quality focuses and, if necessary, calls on them to participate more intensively.	about conflict management  S: ability to think analytically; ability to think synthetically; ability to inspire, motivate, convince; determination; ability to assert oneself; perseverance; patience and
		Evaluation of the evaluation results	evaluates the evaluation results of nationwide and, if appropriate, province-wide quality focuses.	endurance; critical faculties (giving and accepting)  A: appreciation and respect; composure; empathy; positive basic attitude / solution
		Presentation of the evaluation results	presents and disseminates the evaluation results at provincial level.	orientation
		Implementation of	prepares discussions based on school quality reports.	
		Implementation of review and objective-setting discussions with principals	holds discussions, talks about the (evaluation) results and if necessary decides with principals on related measures.	
		principals	documents the discussions.	











## **School Inspectorate**

No Competence area	Situation	The School Inspectorate	Knowledge (K), skills (S), attitudes (A)
	Analysis of the evaluation results	analyses and evaluates the evaluation results at provincial level.	K: comprehensive knowledge about QIBB; knowledge about organisational development and change management; knowledge about process control; knowledge about evaluation instruments and methods, basic knowledge about statistics; knowledge about function-oriented formulations; knowledge about communication and negotiation techniques; fundamentals of project management  S: strategic and networked thinking; ability to think analytically; ability to think synthetically; sense of what is feasible; vision and creativity; ability to set priorities; consistency; patience and endurance; ability to deal with conflicts; ability to assume responsibility for decisions; courage  A: appreciation and respect; positive basic attitude / solution orientation; frustration tolerance; openness; constructive critical attitude towards the system; willingness to work on the system (leadership); fairness
	Deduction of measures	elaborates proposals for Q-measures and Q-projects at provincial level and examines their compliance with the possibly existing mission statement of the province and/or the mission statement of the specialist pedagogical department of BMUKK and the Q-matrix.	
ACT:		reaches consensus on proposals for Q-measures and Q-projects with principals if necessary.	
Deduction and planning of measures from evaluation results;	Conception of Q-measures and Q-projects	if necessary, conceives project assignments for Q-measures and Q-projects at provincial level based on proposals.	
documentation	Development of the work programme at provincial level / of the province's quality report	develops the work programme at provincial level / the province's quality report, integrating the project orders for Q-measures and Q-projects.	
		examines if the resources required for implementing the next work programme at provincial level / the province's quality report are available.	
	Review and objective-setting discussions with specialist pedagogical department	discusses the work programme at provincial level or the province's quality report with the management of the specialist pedagogical department of BMUKK and agrees on objectives and measures for the next reporting period.	
	Provision of information and communication	develops an information culture, organises exchanges of information and maintains the flows of information.	K: comprehensive knowledge about QIBB; knowledge about other QM systems; knowledge about presentation techniques; knowledge about moderation techniques; knowledge about communication and PR techniques; knowledge about active listening techniques; knowledge about the structures and opportunities provided by university colleges of teacher education  S: strategic and networked thinking; ability to think synthetically; ability to inspire, motivate, convince; ability to present and explain difficult circumstances appropriately for the target group; ability to set up networks and work in them  A: appreciation and respect; openness; loyalty; authenticity; willingness to help; awareness of own needs and consideration of the needs of other people
		passes on information from the specialist pedagogical department of BMUKK and presents suggestions for implementation for his/her own province (such as related to implementation of the objectives at federal level).	
_ Information about QIBB		initiates, organises and heads events where Q-related topics and Q-related results are presented and reflected on (such as evaluation results at provincial level).	
and quality management		accepts wishes and ideas from schools.	
	Networks and exchange	maintains contact with university colleges of teacher education.	
		promotes exchange between schools and networks between LQPMs and SQPMs and also takes part in their networking meetings if required.	
		participates in nationwide meetings of bodies representing different school types (such as conferences of provincial school supervisors) and organises nationwide networking meetings if necessary.	
6 Motivation to carry out quality activities	Motivation to carry out quality activities		K: knowledge about conflict management; comprehensive knowledge about QIBB; knowledge about active listening techniques S: ability to inspire, motivate, convince; ability to act appropriately in different situations; strategic and networked thinking; communication skills; vision and creativity; ability to present and explain difficult circumstances appropriately for the target group; ability to deal with conflicts; perseverance; patience and endurance;
quality doublies		is aware of its model function in the implementation of QIBB.	consistency; stress resistance  A: positive basic attitude/solution orientation; appreciation and respect; fairness; frustration tolerance; authenticity; empathy











## **School Inspectorate**

No	Competence area	Situation	The School Inspectorate	Knowledge (K), skills (S), attitudes (A)
7	Ensuring further and continuing training with QM focus	Speeches about QIBB	moderates discussions about this topic if necessary.	K: comprehensive knowledge about QIBB; knowledge about other QM systems; knowledge about the structures and opportunities provided by university colleges of teacher education; knowledge about presentation techniques  S: organising skills; communication skills; ability to inspire, motivate, convince; ability to present and explain difficult circumstances appropriately for the target group; ability to switch perspectives; anticipation skills  A: awareness of own needs and consideration of the needs of other people; willingness to learn and take part in further training activities; appreciation and respect
		Need for further and continuing training at provincial level	organises survey of the schools' need for QM-related further and continuing training within its sphere of competence, communicates the result to university colleges of teacher education and reaches consensus with them on available	
		Participation in further and continuing training measures	takes part in further and continuing training on topics of quality management.	
8 <b>s</b>	Setting up and organising structures of cooperation in the field of quality	Cooperation with LQPMs	appoints the LQPM.	K: comprehensive knowledge about QIBB; knowledge about other QM systems; knowledge about organisational development and change management; fundamentals of project management  S: ability to deal with conflicts; strategic and networked thinking; ability to inspire, motivate, convince; ability to assert oneself; courage; organising skills; ability to set up networks and work in them; sense of what is feasible; delegation skills; decision-making skills; ability to set priorities  A: appreciation and respect; willingness to be (self-)critical
			The second contract of	
			lays down time structures of cooperation with the EQL W (such as a monthly jour	
		cooperation of the LQPM with SQPMs	Q-projects if required.	
			promotes the establishment of a professional feedback culture in the working groups if necessary.	











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#### Projektkoordination



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3S RESEARCH LABORATORY - www.3s.co.at

HTL STEYR – www.htl-steyr.ac.at

UNIVERSITÄT GRAZ, INSTITUT FÜR WIRTSCHAFTSPÄDAGOGIK – www.uni-graz.at/wipaed

#### Internationale Partner

BIBB – BUNDESINSTITUT FÜR BERUFSBILDUNG, Deutschland

FETAC – FURTHER EDUCATION AND TRAINING AWARDS COUNCIL, Irland – www.fetac.ie

CPI – NATIONAL INSTITUTE FOR VET, Slowenien www.cpi.si

#### Assoziierte Partner

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