Chapter 4

The evolving role of institutional translation service managers in quality assurance: Profiles and challenges

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The diversification of translation services, tools and quality expectations in an increasingly globalized translation industry has accentuated the significance of translation quality assurance (TQA) processes and their management. This paper focuses on the profile of institutional translation service managers from a holistic TQA perspective. After a short account of their most common duties as described in sample vacancy notices from various international organizations, including senior service managers and mid-level language unit heads, the role of the latter as competence and process managers responsible for translation quality in specific languages is analyzed in more detail. The data compiled in 24 interviews with midlevel managers serve to outline an inventory of their main TQA-related functions and challenges, and lead to conclusions on their growing relevance and expected expertise in this evolving field.

1 Introduction: managing translation quality in a changing landscape

Translation management functions have been the subject of little research in Translation Studies. Yet, they play a key role in monitoring translation quality assurance (TQA) processes in a context of increasing diversification of translation services and greater automatization of production workflows. The growing differentiation of translation quality and pricing levels according to market segment and client needs has further reinforced the significance of translation



management. These trends have been shaped by a number of interrelated factors, in particular, heightened global interconnectivity, an exponential surge in information flows and multilingual content needs in multiple formats, and the development of technological tools, including online translation applications and crowdsourcing platforms (see e.g. García 2015 and Jiménez-Crespo 2017). Görög (2014: 388) summarizes the industry perspective in the following terms: "The only way to offer large amounts of information and goods in multiple languages fast while staying within reasonable budgets is by making a compromise and provide content with different levels of quality using new translation channels and translation technology."

For translation service providers (TSPs) in the private sector, which has been at the frontline of this diversification, providing less-than-maximal quality is not a taboo but may prove a fit solution depending on job specifications and market conditions (see e.g. Wright 2006; Gouadec 2010; O'Brien 2012; Drugan 2013; Fields et al. 2014). It is not surprising that the last few years have witnessed the emergence of translation quality standards specifically aimed at certifying TSPs in this more diversified and globalized market: the European EN 15038:2006 (for Standardization (CEN) 2006) and its successor, the international ISO 17100:2015. These standards do not provide any variables to define or measure quality, but focus on two key elements that contribute to ensuring quality translation: workflow specifications (including systematic revision), and definition of roles and competence requirements for the different actors involved in the service provision process.

These industry developments (and their conceptual underpinnings) are finding their way into translator training programmes and are gradually permeating the translation services of public institutions, especially in situations where budgetary constraints push them towards cost-benefit considerations typically found in the private sector. The translation services of international organizations are no exception. In light of increasing productivity demands and strain on resources, traditional models based on ideals of absolute quality are nuanced by efficiency considerations of content prioritization and quality control modulation according to potential risk or impact of translations (on risk management in translation projects, see e.g. Dunne 2013; Canfora & Ottmann 2015). Although this approach is not new, it is becoming more explicit and widespread, as illustrated by Prioux & Rochard (2007) in their "economy of revision" at the Organization for Economic Cooperation and Development. The translation services of the European Union (EU) institutions provide the most clear example of this trend: the addition of nine official languages in 2004 and three more in 2007 com-

pounded the need to streamline practices and triggered "a move towards a more conscious, structured and systematic approach to quality assurance" (Strandvik 2017: 52).

All the above services and processes ultimately rely on translation expertise for effective implementation. In any holistic approach to translation quality, competence is indeed at the core of quality assurance, together with process and product, as no standard, guideline or assessment grid can be effective without the necessary skills to apply them (see e.g. Prieto Ramos 2015: 20). From this perspective, we will delve into the profiles and challenges of those who are generally responsible for the recruitment and coordination of translation professionals in the pursuit of quality at international organizations: institutional translation service managers (ITSMs), including directors of entire translation services (senior ITSMs) and, in particular, heads or chiefs of language units or sections (mid-level ITSMs or language-bound ITSMs). The aim of this study is to contribute to our understanding of what it takes to be an ITSM today by asking two key questions: What is the role of institutional translation team managers in TQA? What skills are required of them considering global trends in the field?

To this end, the following sections will draw an overview of institutional translation service management based on the combined analysis of: (1) the management structures of 12 organizations (eight intergovernmental and four EU institutions); (2) the job descriptions contained in 14 ITSM vacancy notices (seven for language section chiefs and seven for service directors, randomly selected among vacancies announced at international organizations between 2010 and 2016, including four from EU institutions, two for each level of management); and (3) 24 interviews with mid-level ITSMs (three per language service) conducted in three representative institutional settings between April and July 2017: the EU (more precisely, the European Commission's Directorate-General for Translation (DGT), the Council of the EU, the European Parliament and the Court of Justice of the EU), with 24 official languages; the United Nations (UN), including three of its duty stations, with six official languages; and the World Trade Organization (WTO), with three official languages, an example of medium-size specialized in-

¹In this chapter, denominations are used in a non-exhaustive way to include all possible titles of comparable structures or profiles. For instance, "translation services" might be part of a "division" or a "department", and be composed of various language "sections", "units" or "departments", depending on the institution. Likewise, "heads" might be called "chiefs" or "directors" at different management levels, while "quality advisers" might be "managers", "coordinators", "controllers" or "focal points" depending on rank and nature of the job in each institution. These arbitrary denominations are secondary to the rationale behind the structures and duties presented in this paper.

tergovernmental institution. In order to focus on commonalities and preserve anonymity, reference to specific organizations is avoided to the extent possible and no individual ITSM is quoted in the presentation of results.

The next section will provide a brief account of the most common responsibilities of ITSMs at international organizations (§2). This account will prepare the ground for a closer exploration of TQA-related practices and challenges of translation unit managers responsible for quality in their respective languages in the three selected institutional settings (§3). These data will inform conclusions regarding ITSMs' and TQA (§4).

2 Institutional translation management duties: the common ground

The responsibilities of ITSMs vary depending on the structures and features of their translation services, which, in turn, reflect institutional approaches to multilingualism. All the services surveyed (12 in total) were established to support the production of legal, policy and administrative documents in a diversity of official languages. They epitomize a hierarchical paradigm in which ITSMs stand at the top and tend to specialize more or less in managerial or translation and revision tasks depending on the size of the service. While the prototypical management structure includes at least one director of service and several heads of language units or sections, the largest services (in terms of staff, translation volumes and number of languages) have more complex organigrams and a higher degree of division of management and transversal tasks. The service structure often justifies the delegation of functions such as coordinating thematic projects or monitoring certain aspects of TQA implementation (e.g. in the case of quality managers or advisers at EU institutions). This is explained by the more significant need to coordinate or harmonize policies and practices between, and even within, service units, at times located in different duty stations.

At the other extreme, in very small services, ITSMs may actually be the only in-house staff. This is the case of one small organization included in our sample. The service is composed of one manager per target language (two in total) in charge of outsourcing translations depending on workload fluctuations, as well as translating, revising and managing all aspects of quality assurance. ITSMs deal with a significant concentration of translation and project management functions but have a more modest administrative workload compared to larger services, particularly with regard to human resources.

The most common *duties* of mid-level ITSMs, as found in the structures and vacancy notices examined, can be summarized under four categories, from more strategic to more practical translation work:

- Strategic, administrative and financial matters
- Staffing matters, including recruitment and performance appraisal
- Translation workflow coordination
- Contribution to translation, technical and quality control tasks

All categories are interrelated, particularly categories 1 to 3, as strategic and financial matters are then reflected in implementation aspects supervised under categories 2 and 3, while category 4 tends to vary enormously depending on the size of the service. In larger services, managers are not always expected to revise on a regular basis, and they rarely translate, as opposed to managers of smaller services.

Among the sample job descriptors of mid-level ITSMs, the most detailed one was published by the UN. The responsibilities listed in the relevant vacancy notice are reproduced in Table 1 below and aligned to the four functional categories identified above. This list can be considered representative of management duties at language unit level in large translation services.

The same exercise can be applied to other descriptors. The list of duties in each category will be similar or shorter depending on profile variations and the level of detail provided. For instance, strategic and human resources matters in the above vacancy notice contrast with the short reference to planning, training and guidance in the equivalent vacancy notice at a much smaller agency, the International Atomic Energy Agency, where ITSMs at unit level devote more time to translation and revision tasks (see Table 2 below).

In the same vacancy notice, the role of the section head is previously presented as "a translator and a reviser who is responsible for the overall quality and timeliness" of translations, and "a manager planning and monitoring the work and supervising the staff of the Section"; and the "main purpose" of the position is: "To plan, coordinate and supervise the translation/revision activities of the Section, ensuring the high quality and timely delivery of texts translated into [language] for distribution to Member States and/or members of the Secretariat."

As to directors of entire translation services (or senior ITSMs), the most common functions listed generally fall under category 1 above (strategic, administrative and financial matters) but at a higher level of responsibility. The more managerial profile of these positions is also reflected in the discourse used in the job descriptors. They all include the following core duties: coordination of the various component sections or units, strategic planning and leadership, liaison with other departments and external representation. Most organizations

Table 1: Duties of mid-level ITSM in representative vacancy notice (large service)

1. Strategic, administrative and financial matters

- participating in the senior management group of the Division and assuming the leadership role on ad hoc task forces or projects as required
- making recommendations to the Director of the Documentation Division on policy, administrative and operational matters of the Service, including monitoring and highlighting technological advances that could facilitate the work of the Service/Division
- · serving as Officer-in-Charge of the Division when required
- coordinating long-term meeting coverage with other précis-writing Services
- preparing reports on all aspects of the Service

2. Staffing matters, including recruitment and performance appraisal

- making long and short-term projections of the work of the Service and its staffing requirements
- supervising and monitoring the performance of all staff in the Service and preparing e-Performance reports as First Reporting Officer for the staff directly reporting to the Chiefs and acts as Second Reporting Officer accordingly
- screening applications from and evaluating potential freelance staff and contractors, and preparing requests for contractual translation or the recruitment of temporary assistance as needed
- making recommendations on such personnel actions as recruitment, renewal of contracts, transfers, assignments and promotions
- selecting papers for examinations, marking scripts, establishing pass lists, participating
 in examination boards and interviews to ensure appropriate recruitment
- · organizing training

3. Translation workflow coordination

- managing the staff and work programme of the Service to ensure the timely issuance in [language] of documents
- organizing all activities of the Service to ensure maximum efficiency and costeffectiveness
- formulating and developing guidelines, instructions and priorities governing translation, revision, précis writing and terminology work of the Service
- · preparing internal information notes on work procedures

4. Contribution to translation, technical and quality control tasks

- carrying out quality control checks for work done in-house and by outside contractors
- serving as the final arbiter on all technical problems connected with the language of the Service
- \bullet translating and/or revising particularly important, sensitive or confidential texts, as required

Table 2: Duties of mid-level ITSM in representative vacancy notice (medium-size service)

- Plan, supervise and monitor the work of the Section and provide training and guidance.
- Take authoritative decisions regarding terminology, style and usage in [language].
- Revise the translations done by other members of the Section.
- Translate and self-revise texts mainly from English into [language] covering a range of scientific, technical, administrative and legal subjects ensuring that translations are equivalent in meaning and style to the original texts.

surveyed (except for EU institutions) group together all language service departments, including interpreting and other documentation services, under the same management line. The example below (Table 3), a notice published by the WTO in 2016, illustrates the duties of senior ITSMs who manage translation services and other sections within the same division.

A comparison between this notice and the wording used on the same position six years earlier is indicative of recent management trends in the field, with more explicit references to notions of cost-effectiveness and streamlining of practices. For instance, "work to refine policies, systems and processes so as to maximise quality, efficiency and value for money" (our emphasis) in point 4 replaces the following wording in the 2010 notice: "Manage and ensure continuous improvement / modernization of the operations in all areas of the Division, ensuring a high level of efficiency, service orientation and quality" (our emphasis).

With regard to quality, as in the above examples, the other job descriptions of mid-level and senior ITSMs (except for two in the second group) refer to translation quality in formulations such as "ensure quality / quality control", "meet required quality standards" and "set standards for translation quality assurance". Overall, these formulations tend to refer to overarching policy aspects in the case of senior ITSMs, as opposed to more technical implementation and monitoring aspects in the case of mid-level ITSMs. As managers responsible for everyday decisions on quality assurance in their respective languages, the latter will be the focus of the next section.

Table 3: Duties of senior ITSM in representative vacancy notice

- Manage the operations of the Division to provide language, documentation and information management services in alignment with the needs of the Secretariat and Members. To this end refine and implement a Divisional strategy and relevant policies as necessary.
- Achieve annual service targets and ensure the Division performs within budget (ca. 28 million CHF per annum) obtaining efficiency gains and bringing costs into line with international standards and market considerations.
- 3. Lead, motivate and provide guidance to line managers. Establish their responsibilities and performance objectives for his/her direct reports, provide feedback on their performance and implement any changes required. Build the divisional team, developing their potential ensuring they are trained as required and providing leadership by setting standards.
- 4. Establish a culture of continuous improvement in the Division and work to refine policies, systems and processes so as to maximise quality, efficiency and value for money.
- 5. Ensure collaboration with other Divisions and provide contributions to their work as necessary.
- Represent the WTO Secretariat in various events in Geneva and abroad that address matters related to the work of the Division, including speaking engagements.
- 7. Support the Director-General and Senior Management by providing reports, briefings and other information and advice as required.

3 Translation unit heads and TQA: practices and challenges

What lies behind the descriptors of ITSMs' duties in terms of practical TQA? To what extent may they have a real impact on translation quality? In order to complete the overview of TQA operations among ITSMs, we will examine the reported practices of those in charge of monitoring TQA implementation by language, i.e. language unit heads or mid-level ITSMs, at three representative institutional settings: the EU, the UN and the WTO. For the sake of comparability,

heads of unit of three official languages common to the three settings (English, French and Spanish) were interviewed,² up to a total of 24 language unit heads. The primary aim was to provide a snapshot of common practices and challenges on the basis of data compiled through open-ended questions in structured interviews on working procedures, with a focus on quality assurance.

Quality managers and advisers (who support the coordination of quality matters at the EU institutions) and service directors were also interviewed in the context of a larger project on institutional translation quality.³ The replies of these professionals were very useful: (1) to triangulate and better understand the information on institutional structures and management duties presented in the previous section; (2) to confirm that strategic and policy aspects of TQA are generally perceived by service directors as the collective responsibility of translation units in each language, with the peculiarity of more visible strategic support and coordination by quality advisers in the case of the EU institutions; and (3) to corroborate the relevance of focusing on language unit heads as the most comparable and comprehensive decision-making profile among the institutions in terms of everyday TQA implementation. In this respect, it must also be noted that this section reports on their practices and perceptions, but does not purport to assess TQA approaches, which falls outside the scope of the present study.

In analyzing TOA-related activities of mid-level ITSMs, the first important commonality is that they all bear the responsibility and are accountable for the quality of translation in their respective target languages, and they are all conditioned by institutional goals and working procedures. They are not bound by any shared international standard, as ISO 17100:2015 would require a policy of systematic full revision that does not apply to their services. Many managers were not acquainted with this new standard, which does not actually describe the tasks and qualification requirements of service managers themselves. However, ISO 17100:2015 on "Translation services - Requirements for translation services" establishes the "actions necessary for the delivery of a quality translation service" by TSPs, including provisions "concerning the management of core processes, minimum qualification requirements, the availability and management of resources, and other actions" (ISO 17100:2015 2015: vi). It is therefore implied that the role of managers of TSPs is to make sure that the specified measures are taken with a view to delivering a quality product. It also follows that ISO 17100:2015 provides a useful yardstick to compare TQA tasks in institutional settings and to

²For logistical reasons, one of them was replaced *ad interim*.

^{3&}quot;Legal Translation in International Institutional Settings: Scope, Strategies and Quality Markers (LETRINT)".

employ standardized terminology in the field. In fact, this international standard is explicitly quoted as a key source in the quality guidelines of one EU institution in particular.⁴

The shift towards more explicit principles and frameworks was also confirmed at other EU institutions, while it was not felt as a compelling necessity in intergovernmental organizations with fewer languages. In these cases, the core TQA principles were primarily based on well-established practices as gradually inherited and adapted to changing needs. Whether driven by custom or formal guidelines, the *discretionary margin* of all language unit heads was conditioned by shared core principles. Within this margin, *implementation variations per language* were noticeable in all institutions, although they were almost negligible in the service with the smallest number of languages. These variations reflected not only different unit backgrounds and working approaches, but also, at times, more pro-active managerial attitudes towards TQA procedures and supporting tools.

Mid-level ITSMs were involved in the following *TQA-related tasks* to varying degrees, depending on structures and workload fluctuations. Table 4 below classifies the data compiled during the interviews in an attempt to draw an up-to-date structured inventory. While some of the tasks can be facilitated by computer applications (e.g. translation management tools), partially delegated within a language unit (e.g. follow-up of quality checks, job assignments or specific project management) or centralized by a separate dedicated unit (e.g. contracting operations), language unit managers are ultimately the orchestra conductors with a full overview of, and the capacity to influence, the different components of TQA in each language in which quality is measured. As evidenced by a comparison between the inventory below (Table 4) and Table 1, most of the responsibilities listed in their job descriptors actually have a TQA dimension. From this per-

⁴In connection with general quality criteria, *DGT Translation Quality Guidelines* establish that: "All translated texts should comply with the general principles and quality requirements for professional translation laid down in the international standard ISO 17100" (DGT 2015: 3). The criteria contained in ISO provision 5.3.1 (ISO 17100:2015 2015: 10) are then listed in a footnote:

a) compliance with specific domain and client terminology and/or any other reference material provided and ensuring terminological consistency during translation; b) semantic accuracy of the target language content; c) appropriate syntax, spelling, punctuation, diacritical marks, and other orthographical conventions of the target language; d) lexical cohesion and phraseology; e) compliance with any proprietary and/or client style guide (including domain, language register, and language variants); f) locale and any applicable standards; g) formatting; h) target audience and purpose of the target language content.

Table 4: TQA-related tasks of mid-level ITSMs

I. PRODUCTION WORKFLOW SUPERVISION

a) Overall planning and coordination

- Planning and team coordination according to budget targets, deadlines, priorities
 and available human resources; contingency plans and problem-solving in case
 of unexpected changes in programme or project implementation.
- Communication with requesting units, other translation units, support units (such as technology, terminology or documentation) or any other relevant actors where appropriate to meet targets.

b) Job categorization and assignment

- Translation brief processing and, where appropriate, clarification of specifications or discussion of conditions with requesting unit.
- Content profiling and risk assessment: text categorization according to text type
 within institutional hierarchy, subject matters, sensitivity and confidentiality;
 definition of expected level of quality; potential impact of lower-than-expected
 quality.
- Assignment of job to translator: best possible match between text and translator profile (specialization, in-house / external, speed, etc.) depending on availability of human resources, risk assessment and time constraints.
- Assignment of job to quality controller^a (except for cases of self-revised translation): type and level of quality control (full bilingual revision, monolingual target text checks or review, etc.) considering the two previous points; best possible match with quality controller profile depending on quality control needs, availability of human resources and time constraints.

c) Monitoring of quality assessment and handling of feedback

- Monitoring of compliance with quality assessment procedures: mandatory for external translators (criteria generally harmonized for all units); more or less systematic and detailed depending on language unit and translator rank or seniority in the case of in-house translators.
- Supervision of ex-post quality checks at unit level.
- Processing of feedback on production and satisfaction survey results.

^aThis term is used in a broad sense to refer to the person who conducts any quality control task (see e.g. Mossop 2014: 116), regardless of the institutional category held by the person. In EU institutions, for example, revision practices are not as hierarchically organized as in the other two selected settings, and in-house translators are usually expected to translate and revise from their very entry into the position.

II. CONTRIBUTION TO TRANSLATION, QUALITY CONTROL OR ASSESSMENT TASKS

- Contribution to quality control or, less often, translation tasks in specific projects (e.g. texts of highest importance).
- Regular or random assessment of translation or quality control output.
- Advice and arbitration on linguistic issues where appropriate (e.g. cases of internal disagreement or sensitive institutional terminology).

III. COMPETENCE MANAGEMENT

- Participation in recruitment tests and selection of applicants.
- Individual goal-setting and periodic performance appraisal exercises with members of staff.
- Training initiatives in line with team and individual competence development needs.
- Mentoring coordination for junior staff members.

IV. RESOURCE DEVELOPMENT AND CONTRIBUTION TO INSTITUTIONAL TQA POLICY

- Resource needs analysis and monitoring of language-specific resource development, including cooperation with terminology units or focal points.
- Transmission of feedback on tools and resources for potential improvements at a broader level.
- Monitoring of impact of management measures and reporting on unit level quality developments.
- Contribution to TQA policy formulation or implementation innovations that may be exported to other units.

spective, mid-level ITSMs play a central role in promoting quality, especially as process and competence managers. In the case of regular contributions to quality control as revisers (category II tasks), particularly common in smaller services, the short-term impact on the translation product can be more direct. However, the *long-term impact* of ITSMs on translation product quality as TQA managers crucially depends on the cumulative effect of the other three elements of a virtuous circle: (1) competence management (selection of talent and professional development actions under category III); (2) workflow supervision (category I tasks) with a view to maximizing the benefits of competence assets in the production process; and (3) input into procedural and material conditions that may improve workflow and performance (category IV actions).

The degree of risk in job assignment is directly related to the degree of suitability and reliability of team members, so administering talent and keeping motivation high, despite productivity pressures, emerges as a key requirement for effective TQA management in hierarchical institutional structures. By the same token, adapting selection processes to competence needs can only be a sound quality enhancement investment.

Unsurprisingly, any measures that introduce uncertainty in job allocation equations or other links of the production chain feature as the most common concern among mid-level ITSMs with regard to TQA. The main **challenges** identified revolve around three interrelated sources of uncertainty:

- Resource availability and productivity pressures as a result of streamlining
 or downsizing: translation services are regularly in the spotlight given the
 proportion of institutional budgets they represent; as in any other public
 or private sector, it is generally felt that insufficient resources could lead
 to lower-than-expected quality outcomes if the limits of cost-effectiveness
 are exceeded.
- External contracting conditions: in light of the increasing level of outsourced translation, it has become paramount to build professional relations of trust and promote quality among external translators; in institutions where outsourcing procedures prevent language units from matching job specifications to individual translator profiles, and jobs are assigned by external contractors, the translator's reliability is generally unknown by ITSMs, so the risk assessment and production chain can be affected as a result (including greater unpredictability of quality control needs, impact on motivation and human resource allocation in cases of lower-than-expected quality of outsourced translation, and final cost/quality ratio).
- Workflow changes and expectations deriving from technological developments:
 the integration of new tools is perceived as globally positive in supporting
 and speeding up certain tasks, but has also brought new variables and dependencies into the workflow, as well as new error patterns in the production process; in this connection, heightened expectations of the benefits of
 machine translation and over-simplification of badly-needed human translation expertise represent an added challenge in the context of cost-saving
 initiatives.

Other challenges fall outside the decision-making scope of language units (in particular, the persistent issue of poor quality of originals) or were specific to cer-

tain units, for example, the complexity of managing a high number of language pairs and finding available translators in some of them, or insufficient adaptation of initial screening exercises to professional translation profiles in some recruitment processes.

4 Concluding remarks: expertise for evolving TQA management

The insights gathered in previous sections point to the skills expected of ITSMs at language unit level from a holistic TQA perspective. ISO 17100:2015 does not refer to the profile of service managers but to TSP project managers, who are required to have "appropriate translation project management competence" (ISO 17100:2015 2015: 7). As outlined above, mid-level ITSMs are crucial decision-makers in sustained TQA endeavours beyond translation project level. Their services can be equated to those of TSP branches in the private sector, but conditioned by specific institutional goals and conventions.

In their capacity as competence and process managers, an optimal combination of translation expertise and managerial skills would be expected of these mid-level ITSMs, particularly in connection with the textual and extra-textual parameters considered in resource allocation. As noted by Gouadec (2010: 275), quality management systems require "a very clear view of "product" quality grades and levels, overall, per domain, per parameter, and per sub-parameters". In international institutional settings, this relates to established text categories, legal hierarchies and priority policy matters that constitute essential knowledge for TQA managers. As team leaders in the provision of and advocacy for translation quality in the relevant language, they would also be expected to have advanced translation and revision skills, as well as sufficient expertise in TQA processes (including approaches to quality control and evaluation), translation competence development, and translation tools and resources. The ideal ITSM profile also demands general management skills such as planning, coordination, risk management and networking abilities.

The appropriate balance between translation and management skills will depend on the degree to which translation and revision work or other routine operations are delegated from ITSMs in each organization. What seems clear in all the settings analyzed is that the shift from one-fits-all quality control to a more modulated approach to quality variables has made ITSMs' role more critical and influential in TQA. In light of the growing prominence of external and machine assisted translation, it is also clear that TQA management functions and their im-

pact deserve further attention. As the translation landscape continues to evolve rapidly, the sophistication and added value of this profile will certainly evolve as well. To the extent that international organizations renew their commitment to quality multilingual communication, TQA managers are called to play a central role in promoting effective solutions at the intersection between top-down processes of policy implementation and bottom-up input for quality enhancement.

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