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**UNITED NATIONS**  
**CENTRE FOR TRADE FACILITATION AND ELECTRONIC BUSINESS**  
**(UN/CEFACT)**

**INTERNATIONAL TRADE PROCEDURES DOMAIN GROUP**  
**Trade and Transport Programme Development Area**

**Recommendation**

Public and Private Partnership in Trade Facilitation

**SOURCE:** Recommendation of PPP in TF Revision Project Team  
**ACTION:** Nearing a finalized draft for experts' consideration  
**STATUS:** Draft v0.2

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## PPP-TF RECOMMENDATION

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77	1.	INTRODUCTION
78		
79		
80		Increasingly, governments are turning to the private sector for the financing, design,
81		construction and operation of infrastructure projects, Information and Communication
82		Technology (ICT) <del>and other service based contracts all of which include at least elements of</del>
83		<del>“E-commerce” but there are</del> and new types and new approaches of Public and Private
84		Partnerships (PPPs). It is easy to observe that the nature of PPP contracts, both in terms of
85		types and approaches, is continuing to develop and grow. <del>The aim of this Recommendation</del>
86		<del>is to encourage a good practice model for undertaking different types of PPP in Trade</del>
87		<del>Facilitation.</del> This Recommendation has the aim to provide a better understanding of Public
88		and Private Partnership (PPP) in Trade Facilitation (TF).
89		
90		The aim of this Recommendation is to provide a guideline to apply PPP in TF
91		successfully, increasing the quality of the services provided, reducing costs, increasing
92		efficiency, reducing disputes among partners, and eliminates corruption. Introducing public
93		and private partnership to facilitate trade.

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94 For these reasons, it is important to create mechanisms to reduce the asymmetry of  
95 information among partners and tools to monitor PPP projects. Disclosure of information has  
96 to follow a pattern of normality or being in regular basis, in which information is accessible  
97 without specific active request.

98

99 Any PPP in TF should follow the following principles:

- 100 1) Increase the predictability. Any unexpected procedure, quota or certificate; any  
101 substantial change in the tariff rate applied; any unpredictable aspect, rule, regulation,  
102 taxes or laws are all just some examples of non-transparent practices that mean  
103 restrictions for trading abroad.
- 104 2) Simplify procedures. Examples of simplification within transparency can include:  
105 minimizing the number of documents required to trade; increasing the speed and  
106 flexibility of getting import permissions; easing the requirements for compliance to  
107 trade abroad; and harmonizing procedures along the trade chain from producers to end  
108 clients and through any service providers.
- 109 3) Increase transparency among the partners and any stakeholders.
- 110 4) Accountability in the context of international trade is about the capacity to execute the  
111 right to make the different entities responsible; the capacity to agree warranties in  
112 contracts.

113

114 PPP is just one among many other ways that the public sector may decide to provide a  
115 service involving the facilitation of trade, especially under budgetary constraints. ~~For~~  
116 ~~example it may wish to use cross-border “Public Public Partnerships”~~. Such traditional public  
117 sector service provision, may be retained completely within the public sector or may involve  
118 the private sector in some form. ~~Nevertheless and increasingly private sector engagement,~~  
119 however small, is referred to as a “partnership” between the public and private sector  
120 regardless of the actual contractual relationship. The engagement of the private sector by the  
121 public sector in the delivery of trade facilitation justifies the need of this Recommendation to  
122 contribute to the right and proper implementation of PPPs. It provides for the conceptual  
123 framework and the concrete scope of applicability in trade facilitation, sharing knowledge  
124 and building the capacity to plan, execute and monitor a PPP project in TF, and showing case  
125 studies as best practices and pitfalls.

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128 2. DEFINITIONS OF PUBLIC AND PRIVATE PARTNERSHIPS (PPP)

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130 International organizations and the literature show different definitions of the term  
131 Public and Private Partnership (PPP). There is not a consensus in terminology, scope and  
132 contents all over the world about PPP, and the legal frameworks, if any, varies enormously  
133 from country to country. Additionally, there is a wide variety of business models in PPP  
134 which make it more difficult to identify them. A key issue in this Recommendation in PPP  
135 Trade Facilitation is to ensure that the scope of this text is clear and well defined. The  
136 definition suggested in this Recommendation merges the definition of PPP issued in the  
137 “Guidebook on Promoting Good Governance in Public-Private Partnerships” (UNECE, 2008)  
138 and the definition of TF provided by the former TBG15 Chair, Gordon Cragge. Thus, Public-  
139 Private Partnerships (PPPs) in TF will be where, the simplification, standardisation and  
140 harmonisation of procedures and associated information flows required to move goods from  
141 seller to buyer and to make payment that facilitate trade is being undertaken on projects that  
142 involve some or all aspects of the private sector financing, designing, implementing and  
143 operating public sector facilities and services-aim at financing, designing, implementing and  
144 operating public sector facilities and services through the simplification, standardisation and  
145 harmonisation of procedures and associated information flows required to move goods from  
146 seller to buyer and to make payment.

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148 ~~This Recommendation uses the definition of PPP issued in the “Guidebook on Promoting~~  
149 ~~Good Governance in Public Private Partnerships” (UNECE, 2008) and the definition of TF~~  
150 ~~provided by the former TBG15 Chair, Gordon Cragge. Thus, Public Private Partnerships in~~  
151 ~~Trade Facilitation will be where, the simplification, standardisation and harmonisation of~~  
152 ~~procedures and associated information flows required to move goods from seller to buyer and~~  
153 ~~to make payment that facilitate trade is being undertaken on projects that involve some or all~~  
154 ~~aspects of the private sector financing, designing, implementing and operating public sector~~  
155 ~~facilities and services aim at financing, designing, implementing and operating public sector~~  
156 ~~facilities and services through the simplification, standardisation and harmonisation of~~  
157 ~~procedures and associated information flows required to move goods from seller to buyer and~~  
158 ~~to make payment.~~

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160 There are four main characteristics in any PPP project:

161 a) A contract between the public sector and the private sector delivery partner.

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- 162 b) An appropriate sharing of risk between the public and private sector (the risk owner being  
 163 the the party best able to manage a risk.
- 164 c) Payments for service delivered (no guaranteed payment stream).
- 165 d) The transfer of risks to the private sector such a demand and performance.

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166 ~~There are three main characteristics in any PPP project:~~

- 167 ~~e) Long term service provision (sometimes up to 30 yeaaars);~~  
 168 ~~f) The transfer of risks to the private sector; and~~  
 169 ~~g) Different forms of long term contracts drawn up between legal entities and public~~  
 170 ~~authorities.~~

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175 3. - POTENTIAL BENEFITS OF PPP IN TRADE FACILITATION

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176 By providing a service under a PPP in TF, some advantages arise:

- 177
- 178 a) Improves the project selection. PPPs bring stakeholders to design, implement and improve  
 179 TF reforms in infrastructures, ICT, border management, corridors ... adding knowledge,  
 180 operational experience, efficient business process and management, and financing  
 181 projects.
- 182 b) Accelerates the infrastructure and services provision. PPPs bring stakeholders to  
 183 coordinate, harmonize and standardize processes in international trade in a context of an  
 184 organized free market to compete between private and public companies that could even  
 185 attract foreign investments.
- 186 c) It includes stakeholders to simplify procedures, which reduces costs in international trade.  
 187 This cost reduction could come direct or indirectly by reducing administrative procedures,  
 188 reducing the clearance time, increasing transparency and reducing corruption, and  
 189 accelerate economic development and revenue opportunities.

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190 There are also significant potential benefits that can be driven by PPP. These advantages  
 191 include:

- 192
- 193 a) Having access to the skills and resources of the private sector.
- 194 b) Increasing the potential for more streamlined and cost effective processes and service  
 195 delivery mechanisms.

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- 196 c) Increased access to investment enabling business change to be incorporated in the
- 197 service delivery contract.
- 198 d) More flexibility with regard to structure and business change.

200 However the PPP in Trade Facilitation is more likely to be successful if it conforms to  
 201 a set of contract rules the first of which is the need for Good Governance. The effectiveness  
 202 of PPP in TF has suffered from the lack of adequate regulatory structures to control both  
 203 technical and economic performance of each project. Regulation of both qualitative and  
 204 quantitative factors to evaluate a project is undeveloped. Also, the mechanisms of  
 205 supervision, monitoring and control are not created or not adapted to neither to PPP projects  
 206 and PPP in TF projects.

209 4. MAIN TYPES OF PPP PROJECTS.

210 - DEFINITIONS OF PPP IN GENERAL (COMMERCIAL/INFRASTRUCTURE, DEVELOPMENTAL AND  
 211 HYBRID/BLENDED AND TRIANGULAR) (I DO NOT SEE THE DEFINITIONS,

213 Although the types of PPPs vary enormously, two broad categories of PPPs can be  
 214 identified: 1) the institutionalized kind that refers to all forms of joint ventures between  
 215 public and private stakeholders; and 2) contractual PPPs.<sup>1</sup>The institutional PPPs can then be  
 216 broken down further into governmental capacity building, civil society strengthening and  
 217 Health and Delivery Programmes (and similar). Whilst Contractual PPPs can be broken down  
 218 in a number of different ways, the most useful for this paper is to differentiate between long  
 219 term infrastructure Design Build Operate and Transfer contracts (often referred to as Hard  
 220 PPP) and shorter term service contracts (referred to as Soft PPP), alongside these contracts  
 221 are ICT PPP contracts that share some characteristics with the Infrastructure contracts but are  
 222 typically short term in nature and have specific issues of their own that must be addressed  
 223 such as data ownership and data protection as well as compatibility and integration with other  
 224 governmental systems.

<sup>1</sup> Hybrid/Blending/ Triangular PPPs

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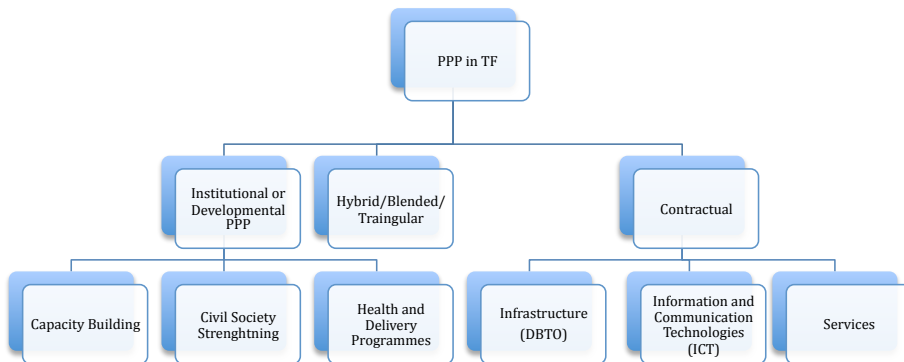
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226 Finally there are a group of PPPs which comprise engagement by the private , public and  
 227 third sectors. These typically occur when there is some kind of “market” failue an he PPP  
 228 would not go ahead with out third sector investment or engagement to underwrite risk.

230 Figure 1; Main Types of PPPs Projects.



231  
 232 Source: Own elaboration.  
 233 The key characteristics are contained in the table below

237 Source: Own elaboration.

239 Figure 2. - Main Characteristics of Commercial Institutional Blended and Contractual PPP Projects.

CHARACTERISTICS	INSTITUTIONAL	BLENDED	CONTRACTUAL
<u>Contract Required</u>	No	Yes	Yes
<u>Joint Funding</u>	Yes	Yes or other risk sharing	No
<u>Service delivered</u>	Typically public/private sector fund that contracts for services.	By private sector on behalf of public sector. May be some third sector delivery	By private sector on behalf of public sector.
<u>Risks</u>	Both parties agree responsibilities and agree risk profile.	Build, or Design and Build. May be underwtien by Third Sector	Build, or Design and Build.
<u>Payment</u>	Normally jointly managed funds into which they contribute, and then, make	Service Delivered Could be a concession or unitary	Service Delivered Could be a concession or

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	<u>payments to implementers.</u>	<u>charge</u>	<u>unitary charge</u>
<u>Contract Length</u>	<u>Joint Venture type relationship to provide funding to third parties.</u>	<u>Suitable period to cover cost of investment and make a reasonable return for private sector</u>	<u>3-5 years</u> <u>7-10 years</u> <u>25-30+ years</u>

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241 Source: Own elaboration

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245 4.1- INSTITUTIONAL OR DEVELOPMENTAL PPPS (CAPACITY BUILDING)

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Public Private Partnerships that are institutional are typically partnerships between the one or more public sector bodies and third sector organisations such as NGOs and/or with foundations development PPP are those Public Private Partnerships where public money (such as USAID) is combined with private monies (from company social responsibility programmes, foundations, NGOs) in a joint fund to achieve a development objective. Typically it may be capacity building, civil society system strengthening, and health delivery programmes.

4.4.- HYBRID

This type of PPP project consist of a public sector infrastructure or ICT project that needs to be undertaken with the private sector. Indeed, hybrid projects contain all the features of an Infrastructure or ICT PPP project, however the potential financial return is insufficient to attract private sector investors Hybrid / Blending / Triangular PPPs

For such PPPs to be successful it is important for the objectives of the Public sector, Third Sector Donor (NGO) and the service deliver are likely to be complementary or aligned. For example the need for and success of a particular project is considered to be a vital economic growth enabler.

An example of a hybrid PPP project in TF could be a dry port, where the private sector may be finding difficulties in achieving a commercial return, and it is therefore necessary for them to find a donor to support the PPP project. In this example, for the project to be feasible the donor either would not be seeking any return for their investment or a low return at most.

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- Diamond, Maurice 21/7/14 10:10  
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271 The underlying concept being that the donor will be taking a more strategic view regarding  
272 the benefits of the dry port for society as a whole rather than expecting to make a direct  
273 financial return on the project.

274  
275 Support may come from the third sector in a number of different ways. The donor, usually a  
276 non-governmental organization (NGO) or a foundation, may provide direct (such as top up  
277 finance) or indirect support (such a loan guarantees).

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278  
279 • A loan guarantee (ie underwriting the loan) may help a service provider obtain  
280 cheaper finance from a bank at minimal cost to the organisation underwriting the loan.  
281 In turn the cheaper finance will contribute to making the Project more affordable.

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282  
283 • Provision of direct budgetary support . An NGO or a foundation provides third party  
284 financial backing to make a PPP project affordable. These direct financial  
285 contributions, are sometimes referred to as budgetary support. As the private sector is  
286 only financing a proportion of the overall project cost the contract should become  
287 more affordable.

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289 • 2.5.1. Typical CharacteristicsAa

290 • Finally the third sector may construct or run part of a facility without any onward  
291 charge to the users or to the government, and the financing is all donor based. An  
292 example would be training of staff.

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293  
294 Where no donor was willing to support the project, the PPP feasibility study would need to be  
295 revisited with a view to re-scoping the project. If a lower cost project can be designed such  
296 that the project could generate a reasonable return for the private sector without third sector  
297 support it may be possible for the re-scoped project to go ahead as a standard PPP project. It  
298 is considered unlikely that hybrid PPPs will occur in trade facilitation.

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300  
301 4.3.- INFRASTRUCTURE PPP PROJECTS  
302  
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304 PPPs where there is a significant underlying asset that is constructed or renovated and then  
305 maintained as part of a service contract . Examples would include significant border control  
306 buildings, roadways and dry ports.

308 The main characteristics that Infrastructure PPP projects have are the following:

- 309 1. Design Build Transfer and Operate (DBTO) or similar.
- 310 2. Typically longer term contracts of up to 20, 25 or 30 years. Roadways and bridge  
311 projects could be even longer.
- 312 3. The types of infrastructure projects in PPP in TF include buildings, road ways, ports,  
313 trade corridors, customs, and dry ports. Service provider may require third party  
314 financing. Roadways and bridge projects could be even longer.
- 315 4. As with all PPP projects fees are earned by the service provider during the operation  
316 phase of the projects.
- 317 5. Fees earned during service phase of contract NOT during the construction phase.

#### 319 4.2.- PPPs of ICT.

321 There are significant issues that need to be considered with regard to ICT (Information and  
322 Communication Technology). The Supplier need to consider what ICT is required for their  
323 project and at the same time needs to consider whether the ICT can be standalone or needs to  
324 integrate with other governmental ICT.

326 If the ICT needs to integrate with other governmental ICT this must be clearly expressed at  
327 feasibility study phase so that it is not a surprise to any private sector bidders. If there is a  
328 need to integrate or to communicate with other existing systems this will have direct impact  
329 on the choice and cost of the ICT selected to deliver the PPP service. Sometimes the ICT  
330 element of a PPP is relatively small and it may not be cost effective for the service deliverer  
331 to take on the ICT delivery risk in which case the risk may be retained by government and  
332 then let as a separate ICT contract to a specialist supplier.

334 Typically shorter term contracts last of up to 7 to 10, years. Because of the speed of  
335 advancement in technology, suppliers are reluctant to take on the technology upgrade, beyond  
336 the first refresh. Therefore, there is no effective risk transfer with regard to redundancy of  
337 technology beyond approximately five years, so unless the supplier is willing to take on this

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**Supprimé:** Communication and integration of ICT (Information and Communication Technology) processes within the PPP with wider Government ICT (I DO NOT UNDERSTAND THIS SENTENCE: ICT TWICE).  
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**Supprimé:** (Trade-Facilitation-Infrastructure projects that have ICT aspects; these aspects need to be considered early on. [private partner not necessarily an ICT expert; the ICT system may perhaps not be compatible with public systems; etc.]) (I DO NOT UNDERSTAND THIS SENTENCE: IT IS NOT ONLY PUNCTUATION PROBLEMS).

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338 risk longer term, there is no “PPP” value in the contract when the second refresh occurs at  
339 year 10.

340  
341 Significant issues have arisen in Secondly the access to that data by the public sector when

342 required is critical to the normal operation of Government. Therefore, there are a number of  
343 issues that need to be addressed:

- 344 a) Who will own the ICT?
- 345 b) Who will own the licences (Government)?
- 346 c) Can the ownership of the licences be transferred?(should be yes)
- 347 d) Who will own the data? (should be Government)
- 348 e) Will the data sit on supplier servers?

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355 | 5.- GENERIC BEST PRACTICE MODEL (Options Appraisal)

356 |  
357 | The generic format of a PPP project include the following stages: Design, Build, Transfer  
358 | and Operate (DBTO). A PPP project that performs the DBTO phases, shares the tasks as  
359 | follow;

- 360 | 1. Design (by private sector)
- 361 | 2. Build (by private sector)
- 362 | 3. Transfer (assets back to public sector); and
- 363 | 4. Operate (by private sector)

364 | **1. Design.** The design captures the innovation of private sector and allows exploration of  
365 | potential solutions that may not have been considered. It could be that the design is a joint  
366 | exercise between the public authorities and the private sector, or a separate competition. If the  
367 | latter, then, there are needs to be some sharing of risk between the design team and the  
368 | service provider.

369 | **2. Build.** The build and associated risk remains with the private sector. There is an  
370 | assumption here that the private sector can best manage the risks associated with the build  
371 | phase leading to a project delivered on time and costs.

372 | **3. Transfer.** Following successful completion of the construction phase the ownership of the  
373 | underlying assets should be transferred to a suitable public sector authority/authorities. If  
374 | such an authority does not exist, then the ownership of the assets should remain with the  
375 | service provider until such time as such an "authority" is set up. It is important  
376 | to highlight that the asset is owned by the public sector in the event that the PPP is cancelled  
377 | or the service provider fails to provide the service that the assets are already within the  
378 | control of the public sector and the public sector can take control of the assets in order to  
379 | deliver the required service or services.

380 | **4. Operate.** The operation of the service should remain with the service provider for the  
381 | duration of the contract (subject to performance and contract terms).

382 | ~~Therefore, there are other aspects that we hav~~

383 | **5. Risks**

384 |  
385 | In a PPP each of the public and private sectors should do what they do best. Thus,  
386 | government should play its role in planning and facilitate trade, policy, and regulation. In  
387 | turn, private sector should manage human resources and the businesses efficiently; develop  
388 | the market by delivering quality services, investment might come from either the public or

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Supprimé: Figure 2.- Main Characteristics of Commercial, Infrastructure and ICT PPP Project .  
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389 private sector. A joint risk schedule should form part of the contract that clearly identifies the  
390 ownership of risks. At the lowest level no risks should be “shared” thereby giving clarity as  
391 to who is responsible for mitigating and managing risks.

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393 **THIS SENTENCE NEEDS AN INTRODUCTION OR PUT IT IN CONTEXT:**

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#### 394 **Contract Term**

395 The optimal period for an infrastructure project assumes the operating contract for the  
396 provision of services post construction coincides broadly with the life expectancy of the asset.  
397 The business case is based on the ability of the supplier to make a return and for the project to  
398 be affordable (to payees) over the period.

400 There are three considerations when agreeing the length of a PPP contract. Investment cost,  
401 affordability and life of the asset.

402 The length of time it takes for the service provider to pay of its debts and to make a  
403 reasonable return will be affected by the need to keep the prices affordable. A large  
404 infrastructure project will typically have longer contract length as it will need a longer period  
405 before the initial outlay (eg loan) is recovered before a reasonable return can be achieved.  
406 The more that can be charged through fees either to users of the services or to the government  
407 then the shorter the contract can be. This depends on how much the users and government  
408 can afford or are willing to pay.

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410 The Public Sector should retain the right to cancel the contract as a consequence of  
411 inadequate or non-performance. If the asset is still with the service provider a transfer clause  
412 is required for the Government to recover the asset.

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#### 414 **6.- GENERAL HEALTH WARNING ON SUITABILITY OF PPP FOR TF**

415 To decide on the delivery mode of a specific service or project, governments and private  
416 sector should conduct a value-for-money analysis that determines whether delivery as a PPP  
417 or a traditional procurement financing is the cheapest option on a whole-life-cycle cost basis.  
418 The value-for-money consist of the evaluation the cost and the benefits of the project. This  
419 process has to be unbiased and thus should be based on high-quality data and a clearly  
420 specified and standardized evaluation process. The value-for-money appears in PPP if the net  
421 positive gain is greater than any alternative way to provide the service.

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423 The value-for-money quantitative assessment in a PPP project has to include the costs of the  
 424 investments, operations, upgrading and maintenance, but also, the financing costs, and the  
 425 transaction and contract oversight costs. Additionally to the costs, the value-for-money  
 426 assessment includes the benefits of providing a PPP project, such as, the improvements in the  
 427 service delivery and the predictable changes in end-user requirements.

428 |  
 429 |  
 430 | **7- RISK**  
 431 |

432 In any type of PPP project, risks allocation and management are critical in order to provide  
 433 responsibility, accountability and back the cost associated with the following topics:

- 434 1. Objective of the project, its design and development (including implementation,  
 435 certification, transition,... ).
- 436 2. The funding and financing structure through the length of the contract.
- 437 3. The quality of service standards agreed (in frequency, speed, availability, continuity,  
 438 updated and innovative solution/technology..)
- 439 4. The variability of the demand and the appearance of competitors (with the same  
 440 service o new solutions)
- 441 5. The residual value of assets when the transfer risks and the end of the contract occurs.

443 | The risks assessment should reflect the evaluation of potential of additional costs and the  
 444 consequences of each risks. When an accurate monetary evaluation of risks is made in a PPP  
 445 project it is easier to estimate the price that each party should be willing to pay to transfer the  
 446 risks from the public to the private sector and vice-versa.

448 | To provide the value for risks, a probability factor is introduced using the following formula:

450 | Value of risks = Outcome – ((Consequence of risk\* probability of risk event) + contingency)

452 In order to evaluate the consequences of a risk in monetary terms, a risk identification  
 453 and its consequences analysis must be made. In a PPP project the types of risks that could  
 454 occur should be:

TYPE OF RISKS	RISKS DESCRIPTION	MONETARY CONSEQUENCES OF RISKS	EXAMPLES
Commissioning	This risk appears when a	Costs from delays and	

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risks,	licence, administrative permission, or an output specifications needed is not reached	maintenances	
Construction risks	Delays, exceed the budget or not follow the specification	Cost of construction and/or maintenance	
Demand risks	Less revenues	Financial cost	
Design risks	The project design is unable to meet the performance and service requirements in the output specification.	Redesign costs, construction costs and/or delay costs.	
Political risks	Unsecured legal framework, dispute resolution, the regulatory framework, government policy, taxation, expropriation and nationalisation.	Asset costs, financial costs, interest rate costs, inflation, discount costs	
Environmental and social risks	Environmental externalities	Construction and maintenance costs	
Financial risks	Funding risks	Delay costs, financial costs	
Performance risks	The project is unable to reach the results needed	Less revenues, maintenance costs	
Operating risks	Inefficiencies in the project development and exploitation	Less revenues, maintenance costs	
Latent defect risks	Inherent and hide risks in the construction of the project (infrastructure or equipment)	Permission costs, delay costs, construction and maintenance costs	
Technical and technological risks	The project is unable to provide a valid solution for partners and/or consumer and clients	Less revenues, maintenance costs	
Residual value risks	The loss of the value of assets budgeted at the moment to transfer the contract	Financial costs	
Industrial relation risks	Risk of conflict of interest management among the partners of a project	Delay costs, financial costs, construction costs and/or delay costs	

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456  
457 Source:

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461 &- ECONOMIC ASSESSMENT (VALUE FOR MONEY)  
462 (Value for Money – VFM / economic assessment / environmental)  
463

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465 The financial source of investment could come from the private sector in the form of debt or  
466 equity and the source of the revenue that will pay back the investment (by taxes, user charges,  
467 or price of the services,..). However, the financial source of investment is more linked with  
468 the risks of a PPP project and the source of the revenue is more linked with the business  
469 model and the value for money in a PPP project.

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471 PPP projects allow to joint the best of two approaches; the public sector introduce terms of  
472 efficiency (reducing cost, allocating resources, and increasing profitability), client orientation  
473 and service quality; and the private sector bring the defence of general interest, planning and  
474 regulation.

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475  
476 When a bidding process is used in a PPP project to select the private sector party, the  
477 efficiency is increased by selecting the best proposal based on the technical solution, the  
478 budget needed, the operational feasibility, the quality and variety of services provided and the  
479 compliance with environmental standards and/or the society. The best solution that win the  
480 bid, reduce the risks of the project.

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481  
482 The project should find the best way to allocate and manage the risks (and the costs  
483 associated with those risks) among the parties during the full length of the PPP contract in  
484 TF, which should be held by the parties best able to manage them. This risks allocation and  
485 management has an influence in the whole management of the project, but also in the Value  
486 for Money calculation.

487  
488 The business model of a PPP project in TF should find the balance among:  
489 a) the way in which the private sector recover the investment done in the project;  
490 b) the public or clients get a benefit from the service received and have the willingness  
491 to pay for it; and  
492 c) the public sector is able to implement politics, programs and infrastructures efficiently  
493 which may partially or totally finance the PPP project in TF with taxes and grants.

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494  
495 VFM is the balance of revenues and costs of any PPP project. The business model should  
496 derive a positive Value for Money. If there is a negative VFM assessment, this means that  
497 there are negative synergies that cause inefficiencies to the project.

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499 At the same time that the VFM should be accurately calculated, projects should consider  
500 options and variations and compare these to the original project specification (in technical  
501 requirements, technology, methodology) in order to achieve best value for money. This  
502 flexibility should not be used as a tool to avoid transparency and good governance.

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504 The main factors that affect the assessment of VFM in a PPP project are the following:

- 505 a) Bid criteria.
- 506 b) Delays during the project.
- 507 c) Penalties mechanisms (lack of quality, unreachable deadlines,...).
- 508 d) Poor specification of risks allocation and management (and the cost associated with  
509 the transferable and retained risks.
- 510 e) Unrealistic affordability calculation (poor cash-flow estimation and unrealistic  
511 assessment of the capability to attend payment commitments).
- 512 f) Possibility to re-competing contracts in regular intervals during the PPP project in TF.
- 513 g) Low demand of the service.
- 514 h) Inappropriate pricing or taxes recovery.
- 515 i) Investments in new capital assess during the contract duration.
- 516 j) Property rights payments associated to the service delivery of the PPP project in TF.
- 517 k) The use of economies of scale in any stage of the project.
- 518 l) Interest rates, taxes, inflation, discount rates, and exchange rates estimation.
- 519 m) Positive and negative externalities of the project.
- 520 n) Variable, semi-variable and fixed (direct and indirect) costs.

521  
522 There are specific difficulties in calculating VFM for each type of PPP project in TF. VFM  
523 depends on risks assessment, risks allocation (public or private), the length of the PPP  
524 project, the demand, the sources of revenues for the project (taxes, grants, price paid by  
525 customers,...).

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527 A number of options should be evaluated to determine the option that provides the best value  
528 for money.

530 This should include an economic impact study (not just the impact of the facility itself, but  
531 also the impact on the economy itself [the local area, for example]). This is undertaken using  
532 discounted cash flows and by calculating an equivalent annual charge. VFM is not always the

533 | affordable option, (particularly if you think about adding in transfer of asset costs into the  
534 | contract)

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536 | Other Aspects:

- 537 | 1. Estimation of maintenance / service updating costs for delivering the product  
538 | (especially important for longer-term project) – i.e. the whole life cost (build,  
539 | maintenance, renewal).
- 540 | 2. Environmental impact

541 |  
542 |  
543 | 8.- AFFORDABILITY

544 |  
545 | As well as assessing Value for Money the business case also needs to assess the affordability  
546 | of the project. We have to think here how the project is going to be funded and

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547 |  
548 | • will sufficient funds be available to the government throughout the whole life of  
549 | the deal to make payments to the service provider. Or

550 |  
551 | • where users are expected to make payments will the fees be low enough not be  
552 | affordable or at least not be so high as to be off putting to the users, resulting in  
553 | insufficient demand fro he services offered.

554 |  
555 | If there are insufficient funds the appropriate actions suggested are:

- 556 | 1. To seek additional funds to support the scheme (from internal or external sources).
- 557 | 2. Review the scheme to see if the scope or specification or performance levels can be  
558 | adjusted to reduce the overall cost.
- 559 | 3. Consider different and mixed charging and budget support mechanisms.
- 560 | 4. If the budget gap cannot be bridged to make a clear decision not to go ahead with the  
561 | scheme.

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562 |  
563 | In some cases there may be conflict between the scheme that delivers best value for money  
564 | over time and the scheme that is most affordable.

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565 |  
566 | It maybe that budget or other financial/treasury constraints mean that the only affordable

567 option is for a government to commission service delivery through the PPP mechanism<sup>2</sup>.

568 However, although PPP projects has many advantages mentioned before, the PPP projects  
569 could create number of pitfalls as set out below:

570 a. Generation of super profits

571 In addition to undertaking a full value for money assessment, using a risk adjusted whole life  
572 costing, there also needs to be careful consideration to the contractual commercial clauses  
573 associated with payment and reward mechanisms, step in and exit clauses and the freedoms  
574 and rights that the contractor (the private sector) has in order to operate the service and to  
575 generate additional revenue streams.

576 b. Barriers to trade

577 It is important that the private sector is restricted from operating in a manner that will or  
578 might create barriers to trade, these barriers could be in the form of tolls, levies, or physical  
579 such as invasive searches to time associated with the administration required to pass through  
580 border posts.

581 c. Risk of the PPP Models: Public Sector Perceptions

582 It should be noted however that the overt use of the private sector can lead to resentment  
583 from the public and if they believe that the private sector is unfairly benefitting from the  
584 contractual arrangements it can lead to problems, non compliance and avoidance.

585  
586 A lot of PPPs fail because they are not “affordable”. For those PPP projects where the public  
587 sector make a regular payment for services received over the lifetime of the project it may be  
588 that insufficient funds have been made available to pay the service provider the charges over  
589 the lifetime of the project. The level of funding will be determined by national (or regional or  
590 supra-national) budget. Before the project commences the Public Authority needs to secure  
591 the revenue funding required to support the operational phase of the project. In some cases,  
592 the charges will be levied on members of the public but there may be a need to subsidise the  
593 operation. This will normally be planned as any direct charges will be regulated and are  
594 unlikely to cover the full cost of the operation.

596 For example, a government department may sign a deal with a contractor, which contains a  
597 price escalator to deal with the impact of inflation on the service provider over the period of

<sup>2</sup> This was the case in the 1990s in the UK where the UK government chose to lilit (WHAT DOES LILIT MEANS?) borrowings required to undertake capital projects, and therefore in terms of affordability the only realistic option was to undertake proejects using the PPP route which enabled payments to be made from revenue rather than capital.

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598 the contract. The basis may be the same as that used internally within government in which case  
599 if internal funding continues on the current basis for the period of the contract and the  
600 funding is available there should not be a funding gap. However, if the funding basis changes  
601 or the government adopts a different inflation escalator over a period of time the government  
602 department may no longer have the funds to support the contract. If the department applies  
603 for additional funds and these are not forthcoming the public sector may have to renegotiate  
604 terms or default.

606 The system implementation should be self-financing from additional revenues generated. If  
607 there is a net cost, then the system should not be introduced. Another reason that there might  
608 be a funding gap is as a result of the system of pledging resources that may or may not  
609 materialise. An example of this may be a trade corridor that either impacts on, more than one  
610 country and one country decides not to go ahead with its part of the deal or can no longer  
611 afford to make contributions to the unitary charge.

613 As part of the affordability analysis any such resources should be clearly identified, as the  
614 sponsor/donor may withdraw their support and render the project unaffordable.  
615 If money is not available, such a scheme would have to be self-financing. But if cost of use  
616 becomes a barrier to trade, should not be a PPP.

619 9. - TRANSPARENCY

620 Including the participation of the private sector in trade facilitation could increase the quality  
621 of the services provided, but care must be taken and mechanisms must be created in  
622 procuring the services in a transparent manner and ensuring that the contractual mechanisms  
623 are in place to minimise behaviours that effectively lead to an increase rather than a reduction  
624 in the barriers to trade.

625 In this context, public consultation is one of the key tools employed to improve transparency,  
626 efficiency and effectiveness. Any consultation process in PPPs improve management  
627 effectiveness, regulation and governability (see Recommendation of Best Practices in Trade  
628 and Government Consultation on Trade Facilitation Matters, UN/CEFACT 2014).

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629 Public Private Partnerships in Trade Facilitation are more likely to succeed if they  
630 incorporate the following characteristics (general/standard and specific characteristics) that  
631 seek to maximise transparent and partnering behaviours.

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### 632 **General (standard) Characteristics**

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- 633 1. A full business readiness diagnostic should be undertaken to confirm the procurement  
634 route and the findings reflected in the feasibility study and business case.
- 635 2. An independent and transparent feasibility study and business case should be  
636 developed.
- 637 3. The Procurement itself should transparent and follow good practice procedures.
- 638 4. The Private sector supplier should be entitled to make a reasonable return.
- 639 5. Risks should be shared such that the party that accepts any risk is the party best  
640 placed to manage that risk.
- 641 6. The supplier should only be paid for the quality service (performance availability and  
642 usage) delivered.
- 643 7. At the end of the contract, the supplier should transfer back to the public sector a  
644 serviceable asset.
- 645 8. Effective Public Sector Governance should be in place throughout the contract.
- 646 9. Both parties should support a monitoring and evaluation regime.

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### 647 **Specific Characteristics**

- 648 1. The private sector should take the specification compatability and interoperability  
649 risk of all Computer assets, including screens keyboards servers and other related  
650 devices
- 651 2. In order to ensure business continuity and security of data all such assets as specified  
652 and procured should be owned by the Public sector
- 653 3. In the event of supplier failure Assets should be transferred to the public sector
- 654 4. The service should be set up as a social enterprise (or similar) where any super-profits  
655 are reinvested in the advancement of trade facilitation
- 656 5. As far as possible the contract should ensure that both public revenue and private  
657 sector income is retained within the countries of operation
- 658 6. That any levies or charges on the public are agreed by the government of the country  
659 and not the contractor.

660 7. The contractor is paid for service delivery by the government for quality of service  
661 (usage/performance /availability) and not directly from revenues collected

662  
663 Transparency and accountability are the best tools to ensure lack of corruption. One of the  
664 characteristics of transparency is the access to the information. In a PPP project in TF not  
665 only the partners of the project should access to the information: information should be  
666 accessible for any stakeholders. In an environment fully transparent, all the information about  
667 the project should be accessible and explained in an understandable way.

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669 Partners in a PPP project in TF should be fully informed about:

- 670 a) The range of services included in the contract.
- 671 b) The level of execution/performance of the project in regular basis.
- 672 c) The revenues, benefits and performance levels agreed and achieved.
- 673 d) The use of government grants, guarantees and other financial support including  
674 significant risk-bearing.
- 675 e) The stream of payments and costs of the project.
- 676 f) Any changes made since the contract was originally signed and side agreements  
677 including government guarantees.
- 678 g) The creation of mechanisms to reduce corruption, or inefficiencies (IT solutions,  
679 supervision agency, verification systems,...).
- 680 h) Future stream of payments and government commitments under PPP contracts.
- 681 i) Risks allocation and accountability system to protect the aim of the project against  
682 individual interests.

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## 684 10. – GOOD GOVERNANCE

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686 The supporting guidance notes address good governance in PPPs, based on transparency,  
687 accountability and a clear, predictable and appropriate legal and institutional framework,  
688 covering budgetary and fiscal processes as well as the procurement and contractual aspects of  
689 PPPs.

690  
691 Good governance in PPPs is a topic that has recently been addressed in international norms  
692 and standards. The UN Convention against Corruption (UNCAC) contains provisions  
693 relevant to PPPs in article 9 (“Public procurement and management of public finances”) and

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694 article 12 (“Private Sector”), supplemented by requirements in article 10 for public reporting  
695 and transparency (access to information concerning public administration and periodic public  
696 reporting). Article 9 focusses on procedures for the adoption of the national budget; timely  
697 reporting on revenue and expenditure; accounting, auditing and oversight; risk management  
698 and internal control systems; and measures to preserve the integrity of relevant  
699 documentation. Article 12 requires measures to prevent corruption involving the private  
700 sector, referring specifically to PPPs and corporate governance.

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701  
702 The OECD’s Principles for the Public Governance of PPPs set out the need for a clear,  
703 predictable, legitimate and appropriately resourced institutional framework — involving  
704 public awareness through consultations of the relative costs, benefits and risks of PPPs and  
705 public procurement; the need to maintain key institutional roles and responsibilities (to  
706 ensure prudent procurement process and clear lines of accountability); and the need for  
707 regulation to be clear, transparent, enforced and not excessive. They also discuss the need for  
708 a transparent budgetary process to minimize fiscal risks and ensure integrity of the  
709 procurement process in PPPs, with disclosure of all costs and contingent liabilities and the  
710 need to ensure the integrity of the procurement process.

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711  
712 Ensuring appropriate good governance standards is a critical pre-requisite where donor funds  
713 are sought as co-financing but it is desired that the PPP operate under the country’s own  
714 framework; if the donors agree to this use of country systems, the fiduciary assurance  
715 obligations of the donors will require them to be as rigorous as the donors’ own (some  
716 donors will in any event insist on their own systems).

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719 Sources: [www.unodc.org/documents/corruption/Technical\\_Guide\\_UNCAC.pdf](http://www.unodc.org/documents/corruption/Technical_Guide_UNCAC.pdf);  
720 [www.oecd.org/governance/oecdprinciplesforpublicgovernanceofpublic-](http://www.oecd.org/governance/oecdprinciplesforpublicgovernanceofpublic-privatepartnerships.htm)  
721 [privatepartnerships.htm](http://www.oecd.org/governance/oecdprinciplesforpublicgovernanceofpublic-privatepartnerships.htm); [http://wbi.worldbank.org/wbi/Data/wbi/wbicms/files/drupal-](http://wbi.worldbank.org/wbi/Data/wbi/wbicms/files/drupal-acquia/wbi/WBIPPIAFPPReferenceGuidev11.0.pdf)  
722 [acquia/wbi/WBIPPIAFPPReferenceGuidev11.0.pdf](http://wbi.worldbank.org/wbi/Data/wbi/wbicms/files/drupal-acquia/wbi/WBIPPIAFPPReferenceGuidev11.0.pdf)

#### 724 10.1.- Protection of commercially or otherwise sensitive information

725  
726 While the principle is full disclosure in [the above] areas, there need to be appropriate  
727 safeguards to avoid the disclosure of information that should remain confidential. The public

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728 authority may occasionally be prohibited by law from disclosing some information – e.g.  
 729 public health and welfare information, depending on the nature of the market concerned, or  
 730 where the law of the land requires prior judicial authorization to disclose information. More  
 731 commonly, commercially sensitive information that could impede fair competition under the  
 732 current PPP in TF or a future PPP in TF should not be disclosed. As an example of this, we  
 733 can think in a set of to competitors for a particular contract, in which, information arising in  
 734 one contractual relationship that might affect competition in other contractual relationships.

735  
 736 Given the need to apply the overriding principle and to avoid abusive reliance on this type of  
 737 exemption, however, the standards should refer to legal sources that define or describe the  
 738 information that can be withheld, and categories of authorized or unauthorized persons for the  
 739 purpose. The possibility of legal challenges to decisions in this context should be  
 740 contemplated, further highlighting the need for a clear regulatory framework.

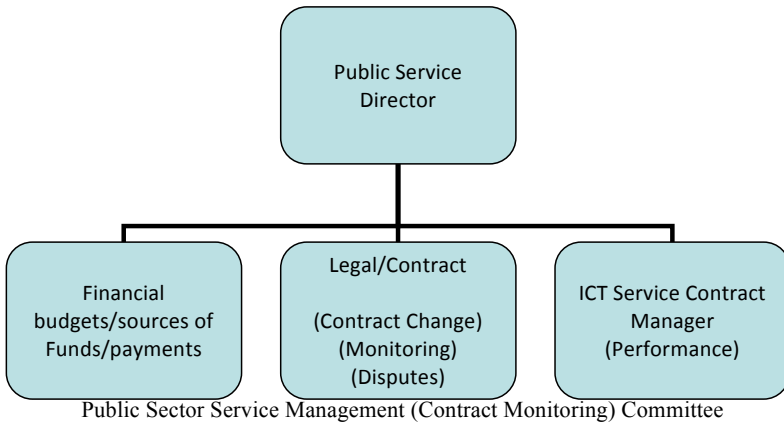
741  
 742 Sources: UNCITRAL Model Law on Public Procurement, article 24, accompanying Guide to  
 743 Enactment, and Procurement regulations, available at

744 [http://uncitral.org/uncitral/uncitral\\_texts/procurement\\_infrastructure.html](http://uncitral.org/uncitral/uncitral_texts/procurement_infrastructure.html)

745  
 746 **Figure 3.** Governance: Public Sector Service Contract and Management Relationship Team

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 752 **Figure 4.** Contract Governance: Reporting and Monitoring and Management.

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	GOVERNANCE	RESPONSIBILITY	SUB COMMITTEES	CORE
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	BODY		REPORTING	MEMBERSHIP
1.1	Annual Partnering Board		Deal with high level relationship issues and any staffing concerns High level strategic discussion	Senior representation from Govt dept meets senior rep from Private sector partner others by invitation only
1.2	Quarterly Contract Board	Board sits on a quarterly basis to consider contractual issues including contract changes Quality management risk management performance and payments resolution	Sub Committees a. Contract Changes b. Performance and Payment Dispute Resolution c. Processes and Procedures d. Quality Management e. Exit and transfer of Assets	Public and Private Reps Service Director Legal Financial Contract Manager Commercial Users
1.3	Monthly Performance Board	Agree Performance report and Authorise payments to supplier	Report to Quarterly Contract Sub Committee Prepare Performance Report and calculation of payments	Commercial managers Contract Managers Service Managers
1.4	Weekly Meeting	Small issues that can be quickly resolved, Report to Monthly Board on Activity	Local contract manager (meeting could be by phone) But any actions taken must be reported to Monthly Board	Service Manager

753 | 14. SPECIAL LEGAL AND CONTRACTUAL CLAUSES

- 754
- 755 Contacting Parties
- 756 Indemnities
- 757 Services Required
- 758 Services to be provided
- 759 Payment and Performance
- 760 Direct Agreements (Public Sector with Funders)
- 761 Contract Change
- 762 Dispute resolution
- 763 Condition Surveys
- 764 Acceptance of any underlying Asset
- 765 Ownership of Assets
- 766 Ownership of Data (ICT)
- 767 Use of Data (ICT)
- 768 Condition of Assets
- 769 Public Sector Audit Rights
- 770 Governance
- 771 Exit Clauses
- 772 Possible clauses re transfer of staff
- 773 Risk Schedule
- 774

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13. PPP IN TF – KEY CHARACTERISTICS

	INFRASTRUCTURE	ICT	CAPACITY BUILDING
KEY CHARACTERISTICS	<p>Design Build Transfer and Operate (DBTO) or similar.</p> <p>Typically longer term contracts of up to 20, 25 or 30 years.</p> <p>These include buildings, road ways and dry ports. Service provider may require third party financing. Roadways and bridge projects could be even longer</p> <p>As with all PPP projects fees are earned by the service provider during the operation phase of the projects</p> <p>Fees earned during service phase of contract NOT during the construction phase</p>	<p>ICT (Information and Communication Technology) Infrastructure</p> <ol style="list-style-type: none"> <li>1. Eg single-window</li> <li>2. Eg E-procurement systems</li> <li>3. Eg CCTV/identification cameras/charging cameras</li> </ol>	<p>Development PPP are those Public Private Partnerships where Public money (such as USAID) is combined with private monies (from companies, Foundations, NGOs) in a joint fund to achieve a development objective.</p> <p>Typically it may be capacity building, civil society system strengthening, health delivery programmes.</p> <p>A development PPP may be used to train Customs and Revenue officials</p>
BEST PRACTICE MODEL	<p>Design, Build, Implementation, Transfer, Operate</p>	<p>Design, Build, Implementation, Transfer, Operate</p> <p><b>Design</b> System to integrate appropriately with related wider government systems. System to reflect local conditions, ie reliable power supply/back up power supply/ robust kit, secure comms (possibly satellite)</p> <p><b>Build</b> Supplier to recommend and supply kit to Authority. Supplier to take risk on compatibility issues regarding the recommended kit.</p> <p><b>Implementation</b> Supplier to install all equipment and commission the system. The supplier may have a simple support contract to maintain the ICT or may have a wider brief to provide the full service or part of the service.</p> <p><b>Transfer</b> Following build and implementation all</p>	

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		hardware and communications equipment to be transferred to the ownership of the authority.	
BARRIERS TO TRADE	<ol style="list-style-type: none"> <li>1. Need to align cross border applicable legislation</li> <li>2. Need to align existing systems and processes which may be incompatible with existing systems and processes</li> <li>3. Any Service provider should be seeking to minimise processing time</li> <li>4. If possible, along a trade corridor repeat processes should be eliminated.</li> </ol>	<ol style="list-style-type: none"> <li>1. Incompatible systems – failure of systems to talk to one another – lack of a genuine single window and the time / cost associated with that.</li> <li>2. User Charges-entry/processing/registration charges set a level that may discriminate against SMEs and local service providers,</li> <li>3. Charges set by supplier (service provider) rather than controlled and capped by a public authority</li> <li>4. An unexpected consequence of contractual performance and payment causes the Operator behaving in a way that maximises their revenue that slows down or impedes trade</li> </ol>	No Implication Investment in TF Development PPPs should lead to a more transparent environment as it would focus providing resources for implementing best practice and capacity building

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<u>KEY CHARACTERISTICS</u>	Development PPP are those Public Private Partnerships where Public money (such as USAID) is combined with private monies (from companies, Foundations, NGOs) in a joint fund to achieve a development objective. Typically it may be capacity building, civil society system strengthening, health delivery programmes. A development PPP may be used to train Customs and Revenue officials.
<u>BEST PRACTICE MODEL</u>	
<u>BARRIERS TO TRADE</u>	No Implication Investment in TF Development PPPs should lead to a more transparent environment as it would focus providing resources for implementing best practice and capacity building.
<u>CHARGING</u>	User charges These programmes are normally free to the recipients. Contracts are let to third parties to deliver the programme on behalf of the Fund Partners. The service delivery may be through training, or through technical support and advice.
<u>PERFORMANCE MODEL</u>	Contracts will be signed with service providers. Payments will be made to the service provider. The contract will have a performance mechanism based on the quality of service as assessed by the users and/ or and will be subject to outcomes achieved as a consequence of the service provided. For example the generation of increased revenues.
<u>CONTRACT LENGTH</u>	These PPP programmes are relatively short from a few months to three to five years(although in the health sector they may be as much as 7 years).
<u>ASSET OWNERSHIP</u>	There are normally no significant assets associated with a development PPP.
<u>RISK MANAGEMENT</u>	Development PPPs often use computers and related software. A key issue is to ensure that any such training would be undertaken on appropriate platforms.

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ICT

<u>KEY CHARACTERISTICS</u>	<u>ICT (Information and Communication Technology) Infrastructure</u> a) <u>Eg single-window</u> b) <u>Eg E-procurement systems</u> c) <u>Eg CCTV/identification cameras/charging cameras</u>
<u>BEST PRACTICE MODEL</u>	<u>Design, Build, Implementation, Transfer, Operate</u> <u>Design</u> System to integrate appropriately with related wider government systems. System to reflect local conditions, ie reliable power supply/back up power supply/ robust kit, secure comms (possibly satellite) <u>Build</u> Supplier to recommend and supply kit to Authority. Supplier to take risk on compatibility issues regarding the recommended kit. <u>Implementation</u> Supplier to install all equipment and commission the system. The supplier may have a simple support contract to maintain the ICT or may have a wider brief to provide the full service or part of the service. <u>Transfer</u> Following build and implementation all hardware and communications equipment to be transferred to the ownership of the authority.
<u>BARRIERS TO TRADE</u>	a) <u>Incompatible systems – failure of systems to talk to one another – lack of a genuine single window and the time / cost associated with that.</u> b) <u>User Charges- entry/processing/registration charges set a level that may discriminate against SMEs and local service providers.</u> c) <u>Charges set by supplier (service provider) rather than controlled and capped by a public authority</u> d) <u>An unexpected consequence of contractual performance and payment causes the Operator behaving in a way that maximises their revenue that slows down or impedes trade</u>
<u>CHARGING</u>	<u>User charges</u> Ideally use a unitary charge payable by government and subject to a performance and availability mechanism Transaction charges to the user – these may need to be limited so as not to impede trade and should be set by government and not be linked to the cost of the contract. Otherwise there is state shadow charging The Supplier should be paid a pre-agreed fee or set of fees. Any element specifically tied to the generation of additional revenues should be capped to ensure that supplier does not generate super profits by operating the service on behalf of the public sector.
<u>PERFORMANCE MODEL</u>	There are two elements: 1.- Performance (ie speed of response) and availability of the system 2.- Availability of the system – and ability to handle a specific amount of traffic at anyone point. This would normally be an acceptable risk to the contractor – although this may limit the ability to future proof the technology (for example if trade doubles beyond expected growth over the contract period)... although in that scenario you could define server response times.
<u>CONTRACT LENGTH</u>	PPP is a poor choice for long term PPP contracts and typically ICT contracts are shorter than Infrastructure projects due to the rapidly changing pace of technology. ICT service providers will not typically take on the risk of technological change after the first “refresh (normally approximately 5 years and certainly no more than 10 years).

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	<p><u>Typical Contract lengths:</u></p> <ul style="list-style-type: none"> <li>• <u>Three to Five years (departmental or local projects)</u></li> <li>• <u>Five to Seven years Large (departmental and expensive projects)</u></li> <li>• <u>Eight to ten years (large national ICT project)</u></li> <li>• <u>Ten to fifteen years (Major very expensive nationally important ICT projects)</u></li> </ul> <p><u>The smaller the ICT component and the larger the service domain element the more the likelihood is for a five year contract with possible extension and that trade software would need to be mobile technology for smaller traders – particularly in Africa where mobile technology is more mobile based than in say the UK where there is a greater proliferation of land based internet technology.</u></p>
<u>ASSET OWNERSHIP</u>	<u>As far as possible assets should be transferred into public ownership as soon as possible following construction. Depending on the type of PPP (DBOT may transfer ownership a later time; but many recent PPPs are looking to have the transfer of ownership at an earlier stage)</u>
<u>RISK MANAGEMENT</u>	<p><u>Ideally the Public Sector should contract separately for the wider service delivery and restrict the “PPP” contract to the technical delivery of the system.</u></p> <p><u>All hardware, software and communications to be “recommended”, provided and implemented, by the contractor</u></p> <p><u>The System implementation and operation should be integrated with existing government systems, based on fixed fee for implementation and operation.</u></p> <p><u>Performance and availability mechanisms should be in place with the opportunity for a supplier to earn back some of the income lost by improved performance etc.</u></p>

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**INFRASTRUCTURE**

<p><u>KEY CHARACTERISTICS</u></p>	<p><u>Design Build Transfer and Operate (DBTO) or similar.</u>  <u>Typically longer term contracts of up to 20, 25 or 30 years.</u>  <u>These include buildings, road ways and dry ports. Service provider may require third party financing. Roadways and bridge projects could be even longer</u>  <u>As with all PPP projects fees are earned by the service provider during the operation phase of the projects</u>  <u>Fees earned during service phase of contract NOT during the construction phase</u></p>
<p><u>BEST PRACTICE MODEL</u></p>	<p><u>Design, Build, Implementation, Transfer, Operate</u></p>
<p><u>BARRIERS TO TRADE</u></p>	<p>a) <u>Need to align cross border applicable legislation</u>  b) <u>Need to align existing systems and processes which may be incompatible with existing systems and processes</u>  c) <u>Any Service provider should be seeking to minimise processing time</u>  d) <u>If possible, along a trade corridor repeat processes should be eliminated.</u></p>
<p><u>CHARGING</u></p>	<p><u>Unitary Charge (example of topics that could be included)</u>  <u>In order to minimise the barriers to trade the supplier should be paid according to a robust payment model.</u>  <u>The service provider should be paid according to performance and availability of service.</u>  <u>There should be no direct association between the level of charges at the border posts dry ports etc. and the receipt of income by the service provider.</u>  <u>Rather the number of units charge and the accuracy of that charging should be the clear indicators used to pay the service provider against an agreed initial payment schedule.</u>  <u>Any bonuses must be limited in scope and financed from the use of best practice operations rather than through perceived harassment or the slowing down of traffic creating a trade barrier.</u>  <u>With direct charging the income collection by the service provider is vulnerable to alternative routes that enable their service points to be bypassed.</u>  <u>National and international infrastructure and trade facilitation policies</u>  <u>The unitary charge may comprise budgetary sourcing from more than one national entity. In such circumstances it may be case that direct charging is less risky for the service provider</u></p>
<p><u>PERFORMANCE MODEL</u></p>	<p><u>The performance mechanism associated with the unitary charge should take into account any such polices that affect the usage and payment of dues by users on the service provider.</u>  <u>Some examples that could be used as a performance model)</u>  <u>On the assumption that users are not directly charged and an availability of asset seems easiest solution.</u>  <u>Roads can be done on number of lanes availability or average time travelled between two points</u>  <u>Ports on number of docking spaces available, or turnaround times.</u>  <u>More analysis is required on specific projects to understand the benefits of one approach over another.</u>  <u>Government sets a KPI (for the operator / service provider).</u>  <u>Service model (how should the Service Provider respond to customers)</u>  <u>A Monitoring and evaluation mechanism needs to be established.</u></p>

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<u>CONTRACT LENGTH</u>	<p><u>Long enough for the asset to generate suitable income for the private sector and allow secondary investments – thus making it an attractive investment prospect.</u></p> <p><u>Keeping in mind that it should not become a barrier to trade.</u></p> <p><u>Overall compensation to the Service Provider needs to provide them with a reasonable return.</u></p> <p><u>Public sector aspects to be brought in here.</u></p> <p><u>Contract needs to be long enough to allow private sectors to want to participate in PPP; but also important for public sector to look over how contract is managed/operated so that when and if they take over the project, they will have been able to absorb the aspects that make it work in the first place.</u></p> <p><u>Length of contract should depend on the type of PPP project (see below).</u></p>
<u>ASSET OWNERSHIP</u>	
<u>RISK MANAGEMENT</u>	<p><u>Important to consider local legislation. For example</u></p> <p><u>Facilities such as ports may not be able to be held as private sector assets</u></p> <p><u>Legally the private sector may not be able to deliver certain services – if legislative environment is not taken into consideration, it might be perceived as a barrier to bidding for the PPP).</u></p> <p><u>A PPP service may start and later be proven that it is actually not a service which can be provided by the private sector – health services, for example)</u></p> <p><u>Therefore consideration must be given to revising local legislation</u></p> <p><u>Risks associated with the physical assets remain with the service provider regardless of ownership</u></p>

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CHARGING	<p>Unitary Charge (example of topics that could be included)</p> <p>In order to minimise the barriers to trade the supplier should be paid according to a robust payment model.</p> <p>The service provider should be paid according to performance and availability of service.</p> <p>There should be no direct association between the level of charges at the border posts dry ports etc, and the receipt of income by the service provider.</p> <p>Rather the number of units charge and the accuracy of that charging should be the clear indicators used to pay the service provider against an agreed initial payment schedule.</p> <p>Any bonuses must be limited in scope and financed from the use of best practice operations rather than through perceived harassment or the slowing down of traffic creating a trade barrier.</p> <p>With direct charging the income collection by the service provider is vulnerable to alternative routes that enable their service points to be bypassed.</p> <p>National and international infrastructure and trade facilitation policies</p> <p>The unitary charge may comprise budgetary sourcing from more than one national entity. In such circumstances it may be case that direct charging is less risky for the service provider</p>	<p>User charges</p> <p>Ideally use a unitary charge payable by government and subject to a performance and availability mechanism</p> <p>Transaction charges to the user – these may need to be limited so as not to impede trade and should be set by government and not be linked to the cost of the contract.</p> <p>Otherwise there is state shadow charging</p> <p>The Supplier should be paid a pre-agreed fee or set of fees.</p> <p>Any element specifically tied to the generation of additional revenues should be capped to ensure that supplier does not generate super profits by operating the service on behalf of the public sector.</p>	<p>User charges</p> <p>These programmes are normally free to the recipients . Contracts are let to third parties to deliver the programme on behalf of the Fund Partners. The service delivery may be through training, or through technical support and advice.</p>
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<p>PERFORMANCE MODEL</p>	<p>The performance mechanism associated with the unitary charge should take into account any such policies that affect the usage and payment of dues by users on the service provider.</p> <p>Some examples that could be used as a performance model)</p> <p>On the assumption that users are not directly charged and an availability of asset seems easiest solution.</p> <p>Roads can be done on number of lanes availability or average time travelled between two points</p> <p>Ports on number of docking spaces available, or turnaround times.</p> <p>More analysis is required on specific projects to understand the benefits of one approach over another.</p> <p>Government sets a KPI (for the operator / service provider).</p> <p>Service model (how should the Service Provider respond to customers)</p> <p>A Monitoring and evaluation mechanism needs to be established.</p>	<p>There are two elements:</p> <p>1.- Performance (ie speed of response) and availability of the system</p> <p>2.- Availability of the system – and ability to handle a specific amount of traffic at anyone point.</p> <p>This would normally be an acceptable risk to the contractor – although this may limit the ability to future proof the technology (for example if trade doubles beyond expected growth over the contract period)... although in that scenario you could define server response times.</p>	<p>Contracts will be signed with service providers. Payments will be made to the service provider.</p> <p>The contract will have a performance mechanism based on the quality of service as assessed by the users and/ or and will be subject to outcomes achieved as a consequence of the service provided.</p> <p>For example the generation of increased revenues.</p>
<p>CONTRACT LENGTH</p>	<p>Long enough for the asset to generate suitable income for the private sector and allow secondary investments – thus making it an attractive investment prospect.</p> <p>Keeping in mind that it should not become a barrier to trade.</p> <p>Overall compensation to the Service Provider needs to provide them with a <i>reasonable return</i>.</p> <p>Public sector aspects to be brought in here.</p> <p>Contract needs to be long</p>	<p>PPP is a poor choice for long term PPP contracts and typically ICT contracts are shorter than Infrastructure projects due to the rapidly changing pace of technology.</p> <p>ICT service providers will not typically take on the risk of technological change after the first “refresh (normally approximately 5 years and certainly no more than 10 years.</p> <p>Typical Contract lengths:</p> <ul style="list-style-type: none"> <li>• Three to Five years (departmental or local projects)</li> <li>• Five to Seven years Large</li> </ul>	<p>These PPP programmes are relatively short from a few months to three to five years (although in the health sector they may be as much as 7 years)</p>

	<p>enough to allow private sectors to want to participate in PPP; but also important for public sector to look over how contract is managed/operated so that when and if they take over the project, they will have been able to absorb the aspects that make it work in the first place.</p> <p>Length of contract should depend on the type of PPP project (see below).</p>	<p>(departmental and expensive projects)</p> <ul style="list-style-type: none"> <li>• Eight to ten years (large national ICT project)</li> <li>• Ten to fifteen years (Major very expensive nationally important ICT projects)</li> </ul> <p>The smaller the ICT component and the larger the service domain element the more the likelihood is for a five year contract with possible extension and that trade software would need to be mobile technology for smaller traders – particularly in Africa where mobile technology is more mobile based than in say the UK where there is a greater proliferation of land based internet technology.</p>	
ASSET OWNERSHIP		<p>As far as possible assets should be transferred into public ownership as soon as possible following construction. Depending on the type of PPP (DBOT may transfer ownership a later time; but many recent PPPs are looking to have the transfer of ownership at an earlier stage)</p>	<p>There are normally no significant assets associated with a development PPP.</p>
RISK MANAGEMENT	<p>Important to consider local legislation. For example</p> <p>Facilities such as ports may not be able to be held as private sector assets</p> <p>Legally the private sector may not be able to deliver certain services – if legislative environment is not taken into consideration, it might be perceived as a barrier to bidding for the PPP).</p> <p>A PPP service may start and later be proven that it is actually not a service which can be provided by the private sector – health services, for example)</p> <ol style="list-style-type: none"> <li>1. Therefore consideration must be given to revising local legislation</li> <li>2. Risks associated</li> </ol>	<p>Ideally the Public Sector should contract separately for the wider service delivery and restrict the “PPP” contract to the technical delivery of the system.</p> <p>All hardware, software and communications to be “recommended”, provided and implemented, by the contractor</p> <p>The System implementation and operation should be integrated with existing government systems, based on fixed fee for implementation and operation.</p> <p>Performance and availability mechanisms should be in place with the opportunity for a supplier to earn back some of the income lost by improved performance etc.</p>	<p>Development PPPs often use computers and related software. A key issue is to ensure that any such training would be undertaken on appropriate platforms.</p>

	with the physical assets remain with the service provider regardless of ownership		
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796 Annex Country Diagnostic. Business/economic/legal/institutional environment  
797 Annex Business Cases. Case models. Feasibility study (independent).  
798 Annex Procurement Process  
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801 Annex A  
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803 The Canadian Council for Public-Private Partnership has described the following PPPs  
804 agreements:  
805 1.- Finance Only: A private entity, usually a financial services company, funds a project  
806 directly or uses various mechanisms such as a long-term lease or bond issue.  
807 2.- Operation & Maintenance Contract (O & M): A private operator, under contract, operates  
808 a publicly-owned asset for a specified term. Ownership of the asset remains with the public  
809 entity.  
810 3.- Build-Finance: The private sector constructs an asset and finances the capital cost only  
811 during the construction period.  
812 4.- Design-Build-Finance-Maintain (DBFM): The private sector designs, builds and finances  
813 an asset and provides hard facility management (hard fm) or maintenance services under  
814 a long-term agreement.  
815 5.- Design-Build-Finance-Maintain-Operate (DBFMO): The private sector designs, builds  
816 and finances an asset, provides hard and/or soft facility management services as well as  
817 operations under a long-term agreement.  
818 6.- Build-Own-Operate (BOO): The private sector finances, builds, owns and operates a  
819 facility or service in perpetuity. The public constraints are stated in the original agreement  
820 and through on-going regulatory authority.  
821 7.- Concession: A private sector concessionaire undertakes investments and operates the  
822 facility for a fixed period of time after which the ownership reverts back to the public sector.  
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