

ANNEXES

**Les politiques de protection
patrimoniale face aux défis du
développement durable :
Comment le métro a réussi à
s'insérer dans le centre historique de
Porto ?**



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1. Schéma du questionnaire

Hi everybody,

I need your help for my thesis, i'm working on the center of Porto, so if you can answer to a few questions, it will be really nice !!!! If it's possible to answer before the 10th of may, that could be great ! I know you should be on the Queima but think about people who is working really hard...

Don't hesitate to give this to friends whose I didn't send it.

I write it in English because it's the langage the most people understand, but you can answer in Portuguese if you want.

Thank you

Chloé

1. Which transport do you use to go to the center ?
2. Do you think that the stops of public transport are appropriate ?
3. What is for you the center of Porto (which buildings or place do you include)?
4. What are your feelings about the center ?
5. In your opinion, what are the main places of the center ?
6. Why do you go to the center ?
7. How many time do you go to the center ?
8. Do you think to have an alive center is important or there is other place for that ?
9. Are you Portuguese or Erasmus ?

2. Réponses à l'enquête

Personne 1

1. Which transport do you use to go to the center ?

BUS

2. Do you think that the stops of public transport are appropriate ?

NO

3. What is for you the center of Porto (which buildings or place do you include)?

ALIADOS

4. What are your feelings about the center ?

IS SO NICE BUT IS A SHAME MOST OF THE BUILDINGS ARE ABANDONED

5. In your opinion, what are the main places of the center ?

THE OPEN SQUARE

6. Why do you go to the center ?

BY BUS

7. How many time do you go to the center ?

TWICE A WEEK

8. Do you think to have an alive center is important or there is other place for that ?

IS THE SAME FOR ME, BUT PORTO'S CENTER IS NOT ALIVE AT NIGHT BUT AT DAYTIME

9. Are you Portuguese or Erasmus ?

ERASMUS

Personne 2

1. Which transport do you use to go to the center ?

Metro

2. Do you think that the stops of public transport are appropriate ?

Yes

3. What is for you the center of Porto (which buildings or place do you include)?

Aliados and everything in the old urban area

4. What are your feelings about the center ?

I like it very much. It's very easy to find your way and you have many possibilities to spend your time.

5. In your opinion, what are the main places of the center ?

Aliados, Rua St. Catarina, Ribeira and Piolho and surroundings.

6. Why do you go to the center ?

To meet friends; spend time at restaurants, clubs and bars; go for shopping; explore some culture

7. How many times do you go to the center ?

4-5 times in a week

8. Do you think to have an alive center is important or there is other place for that ?

Very important

9. Are you Portuguese or Erasmus ?

Ex-Erasmus

Personne 3

1. Which transport do you use to go to the center ?

Subway (metro) and bus

2. Do you think that the stops of public transport are > appropriate ?

Yes

3. What is for you the center of Porto (which buildings or > place do you include)?

hospital sao joao, hospital santo antonio, rua santa catarina, cedofeita e boavista

4. What are your feelings about the center ?

lots of people and cars, too many

5. In your opinion, what are the main places of the center ?

PAS DE REPONSE

6. Why do you go to the center ?

I go to the gym there and study

7. How many times do you go to the center ?

every day

8. Do you think to have an alive center is important or there is other place for that ?

I don't understand the meaning of alive center

9. Are you Portuguese or Erasmus ?

Portuguese

Personne 4

1. Which transport do you use to go to the center ?

Bus

2.Do you think that the stops of public transport are appropriate ?

i think it will be much better, if there are more stops of metro, ex,around reitoria, ribeira...

3.What is for you the center of Porto (which buildings or place do you include)?

For me, center of porto is around reitoria, especially piolho.

4.What are your feelings about the center ?

When i got there, i thought that i could meet many friends...

5.In your opinion, what are the main places of the center ?

Piolho, or Galerias do Paris.

6.Why do you go to the center ?

To meet friends, or to pass my time.

7.How many time do you go to the center ?

I went there at least 3 times per a week.

8.Do you think to have an alive center is important or there is other place for that ?

Its difficult to answer, for me its important sometimes, but the other times i prefer countryside or near to the sea.

9.Are you Portuguese or Erasmus ?

I was Erasmus, now I'm back in Japan.

Personne 5

1.Which transport do you use to go to the center ?

metro

2.Do you think that the stops of public transport are appropriate ?

yes

3.What is for you the center of Porto (which buildings or place do you include)?

aliados, ribeira, rua st catarina

4.What are your feelings about the center ?

nice place, very clean

5.In your opinion, what are the main places of the center ?

city hall of porto, cathedral, river, piolho

6.Why do you go to the center ?

just for a walk, to shop, to have fun

7.How many time do you go to the center ?

once a month

8. Do you think to have an alive center is important or there is other place for that ?
yes it s important, otherwise people will not go there, is good to have it

9. Are you Portuguese or Erasmus ?
portuguese

Personne 6

1. Which transport do you use to go to the center ?

Depende, normalmente carro se for à noite e não tencionar beber. A horas com mais tráfego, metro. Se quiser voltar à noite e já não houver metro e não tenha levado o carro uso os autocarros nocturnos ou ocasionalmente táxi.

2. Do you think that the stops of public transport are appropriate ?

Durante o dia sim, no entanto à noite têm pouca regularidade, principalmente aos fins de semana e outros dias festivos justificavam-se mais alternativas.

3. What is for you the center of Porto (which buildings or place do you include)?

Huum é difícil responder.... Acho que considero a zona entre o "Piolho", os Aliados, a Trindade e a Ribeira o centro. No entanto já houvi referir outras zonas como parte integrante do centro.

4. What are your feelings about the center ?

Um pouco degradado em certas partes, umas obras justificavam-se. Na minha opinião a praça central (os aliados) tinha um aspecto mais verde e mais bonito antes das obras do metro, que substituíram os jardins por betão. É pena também que a zona tem poucos moradores. De qualquer forma é provavelmente a zona mais agradável do Porto. Se considerar-mos a Ribeira também parte do centro, acho um dos lugares mais interessantes onde já estive, embora esteja igualmente a necessitar de obras.

5. In your opinion, what are the main places of the center ?

Não percebi bem a pergunta, se te referes a ruas ou locais específicos como cafés. Os locais que frequento mais são o piolho e os bares da ribeira. Claro que por vezes também saio para aqueles bares no centro. Raramente vou ao centro durante o dia, a menos que tenha algum convidado.

Mas do ponto de vista da cidade os pontos mais importantes são os Clérigos, a zona da Ribeira e as pontes sobre o Douro.

6. Why do you go to the center ?

Como já indiquei, geralmente para ir beber uns copos. Difícilmente me dirijo ao centro para outras razões.

7. How many time do you go to the center ?

Quando vou geralmente não passa de 2 ou 3 horas.

8. Do you think to have an alive center is important or there is other place for that ?

É claramente importante, especialmente por ser a zona mais antiga e visitada da cidade.

9. Are you Portuguese or Erasmus ?

Português

Personne 7

1. Which transport do you use to go to the center ?

Metro

2. Do you think that the stops of public transport are appropriate ?

Yes

3. What is for you the center of Porto (which buildings or place do you include)?

Bolhão, Aliados and Ribeira

4. What are your feelings about the center ?

Yes, good feelings (?). It is nice place

5. In your opinion, what are the main places of the center ?

Aliados plaza and the ribeira area, close to the bridge

6. Why do you go to the center ?

Leisure

7. How many time do you go to the center ?

Once or twice a week

8. Do you think to have an alive center is important or there is other place for that ?

I think it is important. The center is the kind of a reference for tourist and locals

9. Are you Portuguese or Erasmus ?

or brazilian

Personne 8

1. Which transport do you use to go to the center ?

Car (most of the times) or metro

2. Do you think that the stops of public transport are appropriate ?

Yes

3. What is for you the center of Porto (which buildings or place do you include)?

Aliados

4. What are your feelings about the center ?

Great

5. In your opinion, what are the main places of the center ?

Every place is important

6. Why do you go to the center ?

Work

7. How many time do you go to the center ?

Everyday I am in Porto

8. Do you think to have an alive center is important or there is other place for that ?

Very important

9. Are you Portuguese or Erasmus ?

Portuguese

Personne 9

1. Which transport do you use to go to the center ?

je vais et je me déplace dans le centre de Porto principalement à pied, sinon j'utilise les transport en commun (plus le bus que le métro)

2. Do you think that the stops of public transport are appropriate ?

pas toujours, parfois je trouve leurs localisations étrange, mais globalement ça va

3. What is for you the center of Porto (which buildings or place do you include)?

En ne prenant que la commune de Porto

- limite sud du centre de Porto : le rio douro
- limite ouest : la rue cedofeita, l'hôpital Santo Antonio (Hôpital et rua cedofeita inclus dans le centre)
- limite est : le jardin São Lazaro et la rua alegria (le jardin inclus)
- limite Nord : station de métro Trindade - Rua Gonçao Cristovão - Praça da republiqua (station de métro et place incluses)

si on parle de l'agglomération, j'inclurai les quais de Gaia

4. What are your feelings about the center ?

diversifié : il y a plusieurs zones assez différentes les unes des autres

bruyant !

5. In your opinion, what are the main places of the center ?

praça da liberdade : la plus importante selon moi !

Après, nettement moins importantes

- praça da Ribeira
- condoriria (je ne sais pas trop comment ça s'écrit - place dvt le musée de la photographie, clérigos ...)
- praça da batalha

6. Why do you go to the center ?

- c'est mon lieu d'habitation
- sortir le soir
- faire des achats
- faire du tourisme

7. How many times do you go to the center ?

tous les jours

8. Do you think to have an alive center is important or there is other place for that ?

alors j'ai envie de répondre oui, 100% oui. Je pense qu'il est nécessaire d'avoir un centre ville vivant à toutes les heures de la journée ce qui impose une pluralité des activités. Même s'il y a la rua Santa Catarina, je ne trouve pas le centre de Porto si vivant que ça. Parfois je me dis que si on enlevait tous les touristes ... Il y aurait déjà moins de monde & d'activité. Mais c'est plus une impression, je ne suis pas sûr que c'est vrai !

9.Are you Portuguese or Erasmus ?

Erasmus !

Personne 10

1.Which transport do you use to go to the center ?

metro

2.Do you think that the stops of public transport are appropriate ?

sim

3.What is for you the center of Porto (which buildings or place do you include)?

trindade...aliados...sao bento...lions square

4.What are your feelings about the center ?

old fashioned, nice, not enough renewed (what a pity)

5.In your opinion, what are the main places of the center ?

camara municipal, reitoria, praca dos aliados, sao bento

6.Why do you go to the center ?

party, to meet people (piolho), universidade (reitoria)

7.How many time do you go to the center ?

how often? --- twice per week

8.Do you think to have an alive center is important or there is other place for that ?

really important. without piolho... damn!

9.Are you Portuguese or Erasmus ?

ERASMUS

Personne 11

1.Which transport do you use to go to the center ?

Metro

2.Do you think that the stops of public transport are appropriate ?

Sim

3. What is for you the center of Porto (which buildings or place do you include)?

Para mim o centro-centro do Porto é a Avenida dos Aliados e a Praça da Liberdade. Num sentido mais lato eu diria que é uma área que se estende da Rua de Santa Catarina (Rua Fernandes Tomás à Praça da Batalha), Largo da Trindade, Rua de Cedofeita, Praça Carlos Alberto, Praça dos Leões, Rua dos Clérigos, Largo dos Lóios, Praça da Liberdade, Praça D. João I e Rua 31 de Janeiro.

4. What are your feelings about the center ?

Eu gosto muito do centro porque contém as infra-estruturas necessárias de habitabilidade (é um micro-ecossistema, por assim dizer), talvez faltando um cinema...

O problema são as poucas pessoas que lá moram (devido às dificuldades que nós discutimos, nomeadamente, investimento financeiro necessário para requalificar os prédios existente) e também a dificuldade de estacionamento (o que constringe, igualmente, a quantidade de pessoas que lá habitam) e que pode ser bom ou mau...

5. In your opinion, what are the main places of the center ?

Aquele troço de Rua Santa Catarina referido e a zona da Praça Carlos Alberto e a Praça dos Leões. Por outro lado a Avenida dos Aliados tem uma dinâmica muito própria servindo para muitas celebrações na cidade. Importante, também (apesar de fora da zona por mim sugerida) os pólos de mobilidade: estação da Trindade e S. Bento.

6. Why do you go to the center ?

Porque trabalho lá e porque é a zona mais interessante da cidade onde se expressa melhor a identidade portuense.

7. How many time do you go to the center ?

Todos os dias durante o dia e duas vezes por semana, à noite...

8. Do you think to have an alive center is important or there is other place for that ?

Eu acho essencial porque é nos núcleos mais típicos das cidades que se expressa a sua identidade senão todas as cidades do Mundo seriam iguais.

9. Are you Portuguese or Erasmus ?

Português.

Personne 12

1. Which transport do you use to go to the center ?

Metro do Porto and bus (STCP)

2. Do you think that the stops of public transport are appropriate ?

Yes

3. What is for you the center of Porto (which buildings or place do you include)?

Avenida dos Aliados and the places around it, Cordoaria and Ribeira

4. What are your feelings about the center ?

I think that is a great place to walk around and see fantastic buildings

5. In your opinion, what are the main places of the center ?

The same on answer 3

6. Why do you go to the center ?

Because there is a beautiful place and it is a alternative to close shopping centers

7. How many time do you go to the center

All weeks

8. Do you think to have an alive center is important or there is other place for that ?

I think it is essential

9.Are you Portuguese or Erasmus ?

Portuguese

Personne 13

1.Which transport do you use to go to the center ?

Metro

2.Do you think that the stops of public transport are appropriate ?

I think the metro stops are in one part of the city. And the connections are a bit weird.
The busstops are better but I didn't use them alot. Because the metro is more promoted
and
with the bus it is not clear when it will come and where the stops exactly are.

3.What is for you the center of Porto (which buildings or place do you include)?

Aliados and also Ribeira a bit. But Ribeira is more the touristic centre I think.

4.What are your feelings about the center ?

I like the Aliados square. It makes Porto look like a big city.

5.In your opinion, what are the main places of the center ?

The Aliados square.

6.Why do you go to the center ?

To go to see things or to go to supermarket or shopping.

7.How many time do you go to the center ?

I went once or twice a week to the centre.

8.Do you think to have an alive center is important or there is other place for that ?

Yes, I think it is important because the city has his image with the centre of the city.

9.Are you Portuguese or Erasmus ?

Erasmus

Personne 14

1.Which transport do you use to go to the center ?

Metro

2.Do you think that the stops of public transport are appropriate ?

Yes

3.What is for you the center of Porto (which buildings or place do you include)?

avenida dos aliados, torre dos clérigos

4.What are your feelings about the center ?

really nice

5. In your opinion, what are the main places of the center ?

PAS DE REPONSE

6. Why do you go to the center ?

go out, shopping, take a walk

7. How many times do you go to the center ?

once a week

8. Do you think to have an alive center is important or there is other place for that ?

I think is important to have an alive center

9. Are you Portuguese or Erasmus ?

Portuguese

Personne 15

1. Which transport do you use to go to the center ?

the bus

2. Do you think that the stops of public transport are appropriate ?

yes, very

3. What is for you the center of Porto (which buildings or place do you include)?

the main hall(camara do porto(aliasados)), boavista (main avenue of boavista)

4. What are your feelings about the center ?

Very accessible, good public transport organization, and its a very cleanliness place

5. In your opinion, what are the main places of the center ?

The avenue of Aliados, the lion square near reitoria, and some more stufffff

6. Why do you go to the center ?

well, mainly for party time, some times, for deal with servecies i can only ger in the center

7. How many times do you go to the center ?

per week?? maybe 4

8. Do you think to have an alive center is important or there is other place for that ?

For an alive place? well, maybe an alive city would be the best!

9. Are you Portuguese or Erasmus ?

Portuguese

Personne 16

1. Which transport do you use to go to the center ?

Metro

2.Do you think that the stops of public transport are appropriate ?

Do you mean proper made/built or if they have a proper location?

I think they are o.k. but in what concerns to location, some metro stations are not so good and with some remodeling of Porto streets, they replaced some bus stops in a way i don't think it's best.

3. What is for you the center of Porto (which buildings or place do you include)?

Avenida dos Aliados, S. Bento train station and Ribeira.

4.What are your feelings about the center ?

I love the city center but it's a place that should be taken care of permanently.

5.In your opinion, what are the main places of the center ?

A main square, the city hall, a commercial street, a spot for fun like Leões/Piolho/Galerias Paris, historical place like Ribeira, well provided spot of public transport, like S. Bento.

6.Why do you go to the center ?

To walk, relax, gather with friends, for culture and fun (bars, theater, concerts) and to take care of some matters at institutions like a bank or insurance agency, for example.

7.How many time do you go to the center ?

5 days/week

8.Do you think to have an alive center is important or there is other place for that ?

I think it is vital for the city dynamics

9. Are you Portuguese or Erasmus ?

Portuguese

Personne 17

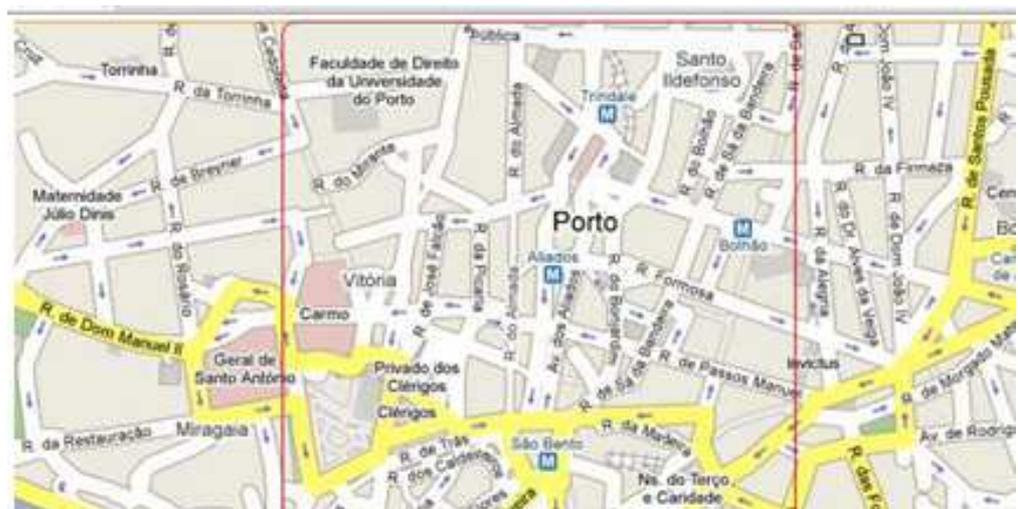
1.Which transport do you use to go to the center ?

I'd say about the bus 1/3 of the times, 1/3 IT and 1/3 metro. Depends on where I come from.

2.Do you think that the stops of public transport are appropriate ?

They're fairly reasonable at the city centre. I believe, though, there are too many bus stops in some cases. It harms the system's efficiency.

3.What is for you the center of Porto (which buildings or place do you include)?



4.What are your feelings about the center ?

I love it there. It is the liveliest place in the metropolitan area. Art galleries, bars, nice shops, museums. Its a great place to hang out and enjoy yhe buildings, the public space and the view by the riverside.

5.In your opinion, what are the main places of the center ?

Aliados is the community centre of Oporto, of course. Batalha, Leões/Carlos Alberto/Cedofeita, Sé and Ribeira are also highly charismatic places.

6.Why do you go to the center ?

I work in the riverside of Gaia, so I cross the centre everyday to get to work. But I also enjoy going there for shopping and especially at night for drinks and hanging out with friends. My favourite theatres are at Baixa also.

7.How many time do you go to the center ?

Everyday;)

8.Do you think to have an alive center is important or there is other place for that ?

Yes, I believe to be important for any city to have a lively city centre, both in terms of touristic attraction and quality of life for the city's citizens.

9.Are you Portuguese or Erasmus ?

Portuguese

3. Entretien avec M. Paulo Pinho, professeur à la FEUP

• Porque o metro foi o escolhido para lutar contra o problema de congestão ?

Trata-se de um Metro Ligeiro de Superfície (Light Rail System - LRS) que se adequa perfeitamente à dimensão do Grande Porto, com cerca de 1 milhão de residentes. A solução convencional de autocarros não estava a dar resposta e os níveis de congestão estavam a aumentar de forma preocupante. Já anteriormente tínhamos tido um sistema bastante completo de eléctricos que foram progressivamente substituídos por trolleys e depois por autocarros.

• Quais fuis os objectivos do projeto do metro do Porto ?

Não posso precisar mas certamente teve a ver com o problema do trânsito urbano, mais do que com a reabilitação do centro do Porto.

• Que foram os actores implicados ? E havia actores que são presente hoje mas que não foram ao inicio ?

Um dos principais impulsionadores do projecto foi o Presidente da Câmara do Porto, o Dr. Fernando Gomes, que era também presidente da Junta Metropolitana. Dos outros autarcas, destaco o Presidente da Câmara da Maia, o Dr. Vieira de Carvalho e da Câmara de Matosinhos, Narciso Miranda. O governo central sempre foi céptico quanto ao arranque do projecto.

• **Quando o projeto de fazer um metro no Porto, os actores das políticas patrimoniais foi integrada no projeto ? (os actores do centro hitorico também, se sim quem foram ?)**

Não julgo que as políticas patrimoniais tivessem qualquer influência, nem os actores do Centro Histórico.

• **Havia uma vontade de ligar o centro historico com um metro ?**

Não creio.

• **Havia uma influência da classificação ao patrimonio mundial do centro do Porto sobre o projeto do metro ? (problemas de integração, tecnicas...)**

Desconheço.

• **Havia uma oposição entre os actores do centro patrimonio e o projeto do metro?**

Directamente não, mas grande parte da inteligencia portuense, nomeadamente arquitectos, era contra o projecto.

• **Hoje, ve-se uma mudança no centro historico graça ao metro ?**

Não creio que seja ainda perceptível. O projecto actual ainda serve sobretudo os municípios envolventes e não a cidade do Porto. Só a 2ª fase do projecto poderá ter consequências sobre o centro da cidade e sobre o centro histórico.

• **Porque fui escolhido de fazer o metro baixa da terra no centro do Porto ? A causa da questão predial ?**

Porque as elites da cidade entendiam que o metro poderia desvalorizar o carácter histórico-monumental do centro.

• **O metro que pasa baixa da terra, a quem pertence o terreno ?**

A ninguém, dado que o metro passa abaixo dos 30 metros (pelo menos). Agora passa a ser propriedade do Metro, pelo menos a servidão.

4. L'outil de questionnement R+0 !

Cadre et titres				Explication/exemples	Textes/Experiences/Terrains/Liens aux annexes
mise en contexte				Avant toute action et toute analyse il est indispensable décrire l'environnement du projet, le mettre dans son contexte (dans ses contextes, plus probablement). - Cette mise en contexte contiendra l'analyse préalable du périmètre de l'intervention (les espaces pertinents du projet et de son analyse)	
Champs de questionnement				les grands questionnements que soulève le croisement des variables patrimoniales et du DD.	
	Familles			Groupement autonome de variables et d'objectifs spécifiques	
		Objectifs spécifiques		Ils développent une variable complexe	
			Descripteurs	(Déclinaisons des objectifs spécifiques - Indicateurs) - Il s'agit des instruments qui permettent de décliner les objectifs spécifiques selon les réalités multiples des projets. Ils sont, souvent, des indicateurs qualitatifs et quantitatifs -- La direction qu'on veut prendre - Ce qui est positif et ce qui est négatif	
Instruments d'analyse et report				Quels instruments on prend en considération, comment et quels résultats on imagine obtenir. On se positionne selon les données qu'on arrive à avoir et les indicateurs pertinents qui on est capable de maîtriser.	
Récit					
	Feu tricolore				
	Swot				
	Description précise				
Champ	famille	Objectif spécifique	Descripteur	Résultat attendu	Textes/Experiences/Terrains/Liens aux annexes

Environnement politique, institutionnel et économique			
	Capacité à transcrire les volontés politiques		il s'agit de mesurer la pertinence politique, institutionnelle et économique du projet à moyen et long terme. On évalue aussi la pertinence des coûts, à moyen et long terme.
		Etre en conformité avec les orientations stratégiques prises par le politique	Vérifier la cohérence globale du projet avec la vision politique du territoire
	Capacité à reconnaître et associer tous les acteurs pertinents		
		Flexibilité du système des acteurs	Capacité d'intégrer de nouveaux acteurs pendant le déroulement du projet
		Posséder et respecter un processus de décision ouvert	Promouvoir une Gouvernance transparente et une démocratie locale participative
	Capacité à gérer la complexité des contraintes et des échelles		
		adéquation des procédures administratives aux objectifs du projet	Le système juridique et institutionnel est capable de gérer les objectifs du projet
		adéquation des procédures opérationnelles aux objectifs du projet	Vérifier que projet proposé peut être géré avec les capacités existantes des parties prenantes
		Aborder la complexité des statuts d'occupation et de la maîtrise foncière	Capacité de résoudre les contentieux fonciers et garantir les droits d'usage (droit coutumier et moderne)

	Capacité à traiter les variables économiques			
	Adopter des modes de financement performants (public, privé, usagers, ...)		La pluralité des montages financiers favorise l'appropriation, la stabilité et la viabilité des projets.	
	La maîtrise de la valeur foncière		Anticiper et encadrer la spéculation foncière pour ne pas déséquilibrer le profil socio-économique.	
		Coût d'achat au m2 des bâtiments		
		existence et efficacité des lois d'expropriation		
	Aboutir à une viabilité économique des espaces programmés		Insertion du programme dans une stratégie économique local et globale	
	Choisir un Modèle économique de gestion et de maintenance réaliste		Pertinence des choix de management et de niveaux de service par rapport au coût (PPP, coopératives, etc..)	

Champ	famille	Objectif spécifique	Descripteur	Résultat attendu	Textes/Experiences/Terrains/Liens aux annexes
Insertion du lieu dans ses espaces					
	Liens et place dans la ville : le rapport au territoire				
		Positionner le projet en prenant compte de l'ensemble des dimensions (matériel, immatériel, bâti, non bâti)		Augmenter la valeur patrimoniale par une densification programmatique	
			Degré de mixité du programme		
			Position symbolique du lieu sur le plan identitaire et symbolique (dans la carte mentale de la ville)		
		pertinence du projet aux différentes échelles spatiales et temporelles		Intégration du projet avec les différentes dimensions de la ville (articulation, insertion, système urbain, représentation)	
	Les relations avec les grandes infrastructures urbaines				
		Mobilité et déplacements l'insertion du projet dans les réseaux de transport existants et programmés (public-privé ...)		Augmenter la connectivité Veiller à l'accessibilité pour tous	
			Facilité de transport piéton-vélo	Limiter les besoins de transport des résidents en garantissant des services de base de proximité.	

Champ	famille	Objectif spécifique	Descripteur	Résultat attendu	Textes/Experiences/Terrains/Liens aux annexes	
Les exigences environnementales						
	Les énergies et leurs usages					
		Optimisation de l'usage de l'énergie		Efficacité énergétique des dispositifs préconisés, choix des filières énergie		
				Promotion des énergies renouvelables		
		Choix raisonné des techniques constructives, matériaux (consommation d'énergie)		Privilégier des techniques constructives économes, et matériaux a faible empreinte énergétique		
		assurer la mobilité, promouvoir les transports non polluants		Préconiser des modes de transport doux, le multimodal, les transports collectifs.		
	La gestion de la durée et des cycles					
		adaptabilité des solutions dans le temps		Capacité de pouvoir faire évoluer les technologies ou les équipements sans perturber l'intégrité du quartier		
		Le choix de techniques constructives, des équipements et des matériaux dans le temps long		Intégration des coûts de maintenance dans les choix d'équipements (rapport investissement/maintenance)		
			Durée de vie fonctionnelle des matériaux			
	La notion de cycle		la possibilité de revenir à un niveau antérieur tout en respectant la valeur patrimoniale de l'environnement.			
			Intégration de la dimension du recyclage dans la conception des espaces			

	la gestion durable des ressources et des flux			
		gestion des déchets, propreté, santé	Garantir un environnement propre	
		Recyclage organique		
		gestion raisonnée du cycle de l'eau	Economie de la ressource, Prévenir les gaspillages, réguler la consommation,	
		recyclage des Eaux Pluviales		
		gestion des sols	Pas de rejets polluants et limiter l'imperméabilisation des sols	
	Les matériaux (y compris végétaux)			
		qualité paysagère et la biodiversité (la nature en ville)	Préserver un équilibre nature/ville (meme symbolique)	
		Les matériaux végétaux.	Les matériaux végétaux sont seulement ici car notre positionnement est vis-à-vis d'un espace patrimonialisé en ville dense et historique. L'espace dédié aux questionnements sur les matériaux végétaux est très souvent lié à des choix minoritaires	
		Les choix des matériaux	pertinence des matériaux sains, a faible empreinte écologique en fonction de leur cycle de vie (et du rapport aux cycles « patrimoniaux » de l'environnement)	
		L'utilisation des matériaux locaux		

Champ	famille	Objectif spécifique	Descripteur	Résultat attendu	Textes/Experiences/Terrains/Liens aux annexes
Attention à la personne, aux habitants (exigence sociale)				Faire attention à la personne dans un espace de vie renvoi, inévitablement, à des questions abordées dans d'autres champs.	
	L'habitabilité - amélioration de l'habitat			Garantir et améliorer le cadre de vie bâti	
		La participation des habitants		L'importance d'intégrer les habitants dans la fabrication de leur habitat	
		Accessibilité des services urbains		Garantir et améliorer les services qui irriguent le quartier (a différents niveaux)	
		qualité paysagère		Insertion harmonieuse des bâtiments dans un cadre paysager non artificiel	
		Qualité des biens « naturels » de base : air, eau		Standard minimum de qualité	
			normes		
		propreté, santé, confort sonore		Confort physique (objectif et subjectif)	
			normes		
		sécurité et prévention des risques		Perception du niveau de sécurité (objectif et subjectif)	
	La complexité sociale			Garantir ou améliorer la diversité communautaire	
		diversité des populations, mixité sociale		Encourager la présence et l'accueil de populations différentes	
			diversité de l'offre en logements		
		diversité des activités et des fonctions		Ne pas créer de quartier monofonctionnel	
	équité sociale et culturelle		Veiller à ne pas restreindre l'offre culturelle, commerciale ou sociale		

Champ	famille	Objectif spécifique	Descripteur	Résultat attendu	Textes/Experiences/Terrains/Liens aux annexes
Les patrimoines dans la ville (une exigence culturelle)					
	Localisme et exceptionnalité			Vérification d'une réelle patrimonialité (établir un comparatif et une base de référence)	
		Rechercher et favoriser les Catalyseurs patrimoniaux (acteurs extraordinaires)		Favoriser l'action d'acteurs pivot qui ont des effets multiplicateurs sur le projet	
		Produire de la qualité, de la valeur architecturale et urbaine		S'assurer de l'amélioration effective avec les préconisations	
		l'attractivité, l'image – la valeur « unique » et exploitable		Renforcer le caractère et l'identité du lieu et son rôle patrimonial dans la ville	
	Homogénéité et continuité culturelle				
		L'intégration des espaces dans les activités actuelles		Le site continue de jouer un rôle dans la vie contemporaine, et augmente sa résilience patrimoniale.	
		la préservation des usages		garder un lien avec les usages originaux et anciens des espaces autant que possible	
		Pratiques constructives		Le projet se positionne explicitement vis a vis des filières de production des matériaux et les savoirs faire traditionnels ou non.	
			Filière d'usage des matériaux (locaux ?)		
	Appropriation / reconnaissance / Prise en compte de la dimension patrimoniale				
		la représentation symbolique, l'imaginaire collectif		Le projet doit avoir une force représentative qui dépasse ses propres limites	
		l'appropriation		La (Re)Connaissance du patrimoine passe par une prise de conscience de la valeur patrimoniale du site/projet	
			Existence d'Activités culturelles (Festival		