













Bent's build	ling"		
Switzerland	2'875 m2	100%	
Holland	3'007 m2	105%	
France	3'412 m2	119%	
UK	2'585 m2	90%	
Ireland	2'585 m2	90%	
Finland	2'758 m2	96%	
Denmark	1'800 m2	63%	
Spain	1'800 m2	63%	



Examples of scope of costs								
Country	Building	External works	Planning fees	Land costs	Finance			
Switzerland								
Holland				0	0			
France			0	0	0			
UK				0	0			
Ireland				0	0			
Finland				0	0			
Denmark								
Belaium				0	0			





CEEC Working group

Working Group:

- Martin Wright (Switzerland, chairman)
- Gerry O'Sullivan (Ireland / CEEC vice president)
- Joe Martin (UK)
- Peter Schmid and Ulrike Frauendorf (Germany)

Additional input :

- Michel Coubès (Switzerland)
- Michel Ducroux / Jaques Moreau (France)
- Pekka Montin (Finnland)
- · Peter van der Pijl / David Meijer (Holland)
- Sabine Pierson (Belgium)
- Yollanda Garcia Prada (Spain)

PBK





9



















Basic quantities (English, French and German)

- 1. Site area
- 2. Footprint area
- 3. Floor areas not fully enclosed
- 4. Gross external floor area
- 5. Gross internal floor area
- 6. Area of internal divisins
- 7. Area ancillary to to main function
- 8. Ancillary areas for services
- 9. Circulation area
- 10. Usable floor area
- 11. Primary Functional units
- 12. Secondary Functional units

PBK

#UT Sile alea / S	urface terrain			
#02 Footprint ar	ea / Surface bâtie			
#03 Floor area n	ot fully enclosed -	Surface planche	er externe	
4 Gross extern	al floor area - Surf	ace plancher bru	ite	
#5 Gross intern	al floor area - Surfa	ice plancher nett	te	(External construction not defined)
				-



17



Standard form of cost analysis Project reference		Office buil	ding with bank	Administrative cent	
		BKI: 1300-062		crb; 065/113	
Cour	ntry of origin	Germany		Switzerland	
Loca	tion	Konstanz		Langentha	
Curre	ency/Price base date	€	2005	€ (1 € = 1.58 CHF) 2	
Peric	od for costs in use (years)	-		-	
Quar	ntity used for analysis	Gross external flo	or area (GEFA)	Gross external floor area (GEFA)	
Basi	c quantities				
#01	Site area	41'009	774%	7'971	91%
#02	Footprint area	1'346	25%	1'383	16%
#03	Floor area not fully enclosed	-	-	1'698	19%
#04	Gross external floor area (GEFA)	5'301	100%	8'792	100%
#05	Gross internal floor area	-	-	-	-
#06	Area of internal divisions	-	-	-	-
#07	Area ancillary to main function	1'280	24%	-	-
#08	Ancillary area for services	181	3%	-	-
#09	Circulation area	777	15%	-	-
#10	Usable floor area	2'589	49%	-	-
#11	No. of workplaces	120	-	200	
π					



Standard form of cost analysis	Office build	ding with bank branch office	Administrative centre		
	€	€/m2 GEFA	€	€/m2 GEFA	
CONSTRUCTION COSTS	5'906'451	1'114	13'209'121	1'502	
APreliminaries	242'794	46	397'405	4	
B Substructure	393'960	74	242'925	2	
C External superstructure/envelope	1'916'905	362	3'625'658	41	
D Internal superstructure	972'217	183	3'261'429	37	
E Internal finishings	449'957	85	732'754	8	
F Services installations	862'213	163	2'433'137	27	
G Special equipment	22'527	4	0		
H Furniture and fittings	1'199	0	1'217'604	13	
I Site and external works	158'710	30	294'315	3	
J Construction contingencies	0	0	0		
K Taxes on construction	885'968	167	1'003'893	11	
DESIGN AND INCIDENTAL COSTS	606'669	114	2'459'781	28	
L + M Design team fees	515'669	97	2'272'838	25	
N Project budget contingencies	0	0	0		
O Taxes on design and incidental costs	91'000	17	186'943	2	

CEEC Code of Measurement: The next steps Revision January 2008 with minor corrections Gain experience with use • Repeat the Lausanne excercise (Bent's building) Collection of analysis (Model Willum Cornelissen) Coordinate with other professional bodies eg. TEGoVA (European group of Valuers Associations) • FIG · New input and update PBK 22



CEEC Code of Measurement

Thank you for your attention!

Please provide new input!

Martin Wright, PBK AG, Switzerland martin.wright@pbk-ag.ch www.pbk-ag.ch

on behalf of The European Council of Construction Economics CEEC

PBK

23

