

**#1048;#1085;#1090;#107  
7;#1088;#1085;#1077;#10  
90;: #1094;#1077;#1083;  
#1096;#1080;#1088;#108  
6;#1082;#1086;#1087;#10  
86;#1112;#1072;#1089;#1  
077;#1085;  
#1080;#1085;#1090;#107**

# 7;#1088;#1085;#1077;#10

# 90;



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**BASSE-NORMANDIE MACÉDOINE**

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538=>B A5 AB@5<8 := 4838B0;=> C@54C20Z5 =0 >;=0 >@<0=48X0. &5;B0:  
F5;>A=> ?>:@820Z5 =0 B5@8B>@8X0B0 A> H8@>:>?>X0A5= 8=B5@=5B 4> 2013  
3>4., 8 40 A5 ?>43>B28 4>0S0Z5B> =0 H8@>:>?>X0A=8>B 8=B5@=5B.

[Reflets &#1073;&#1088;.71](http://www.cr-basse-normandie.fr/images/catalogues/Reflets_71/) [http://www.cr-basse-normandie.fr/images/catalogues/Reflets\_71/]

**(8@>:>?>X0A5= 8=B5@=5B, HB> 5 B>0?**

(8@>:>?>X0A5= 8=B5@=5B 3> ?>4@0718@0 ?@>B>:>B =0 B@0=AD5@>B =0 ?>40B>F8 ?@5:C =B5@=5B,  
A> >4@545=0 1@78=0 87@075=0 2> :8;>18B>28/A5:C=40 (kb/s) 8;8 <53018B>28/A5:C=40 (Mb/s).  
>8<>B H8@>:>?>X0A5= 8=B5@=5B 7028A8 >4 B>0 :0:> 3> :>@8AB8<5: =0 ?@8<5@, =5:>;:C AB>B8F8 kb/s 70  
?@0\0Z5 =0 e-mail; =0X<0;:C 2 Mb/s 70 3;540Z5 =0 2845> ?@5:C 8=B5@=5B...

**(8@>:>?>X0A5= 8=B5@=5B, 70 HB> A;C68?**

0 >4@545=8 ;8F0, H8@>:>?>X0A=8>B 8=B5@=5B >2>7<>6C20 ?@510@C20Z5 ?@5:C =B5@=5B, 3;540Z5  
B5;52878X0, A;CH0Z5 @048>, A8<=C20Z5 =0 4>:C<5=B8, B5;5D>=8@0Z5 A> <>6=>AB =0 3;540Z5 =0  
A>3>2>@=8:>B...  
> ?>@D5A8>=0;=8>B 4><5=, H8@>:>?>X0A=8>B 8=B5@=5B, 8;8 28A>: H8@>:>?>X0A5= 8=B5@=5B,  
>2>7<>6C20 ?@5=>A =0 206=8 :20=B8B5B8 =0 8=D>@<0F88, >@30=878@0Z5 =0 A>AB0=>F8 A>  
2845>:>=D5@5=F8X0...

**5=5A, H8@>:>?>X0A=8>B 8=B5@=5B 2> >;=0 >@<0=48X0**

4 2004 3>4. 538=>B 8< ?><030H5 =0 5?0@B<0=8B5 8 3;><5@0F88B5 2> 05= A> 87=>A >4 10,4 M - 2:C?=>  
A5 =0 A5 63 M - 2> =82=8B5 ?@>5:B8 70 ?>:@820Z5 A> H8@>:>?>X0A5= 8=B5@=5B.  
5=5A, ?@5B?>AB02C20<5 A:>@> 98% >4 =0A5;5=85B> 5 ?>:@85=> A> H8@>:>?>X0A5= 8=B5@=5B >4  
=0X<0;:C 512 kb/s; 85% >4 =0A5;5=85B> :>@8AB8 H8@>:>?>X0A5= 8=B5@=5B A> =0X<0;:C 2 Mb/s, ?@03 >4  
:>X :>@8AB5Z5B> 5 :><D>@=>.

**8A>: H8@>:>?>X0A5= 8=B5@=5B**

538=>B ;0=A8@0 0?5; 70 ?@>5:B8 70 A>74020Z5 =0 8=D@0AB@C:BC@0 8 CA;C38 A> 28A>:  
H8@>:>?>X0A5= 8=B5@=5B, ?>4 C?@020 =0 =0A5;5=8B> 8 ?@5B?@8X0B8X0B0.  
285 8=>20B82=8 ?@>5:B8 \5 >2>7<>60B 5:A?5@8<5=B8@0Z5 A> :>@8AB5Z5B> =0 28A>:>  
H8@>:>?>X0A=8>B 8=B5@=5B, >A>15=> 2> @C@0;=8B5 7>=8 (=0 ?@8<5@: @01>B5Z5 >4 4><0, A>74020Z5  
=0 B5;5F5=B@8 70 ?@>D5A8>=0;=0 8 0A>F8X0B82=0 C?>B@510, B>G:8 70 ?@8AB0? 4> 4838B0;=8  
B5;=>;>388 (Espaces publics numériques - EPN)).  
"85 A5 2> A>3;0A=>AB A> @538>=0;=0B0 ?@>3@0<0 838B0;=8 <C;B8A5@28A=8 7>=8 (Zones numériques  
multiservices - ZMN) :>8 38 2>A?>AB02C20 @538=>=B. 285 <5AB0, =0<5=5B8 70 ?@>D5A8>=0;=0B0 X02=>AB,

