

120  
 « -10: »  
 = -10: -10:  
 120- . -2014. - ., .2. - .135-136 »,

BIM) (Building Information Modeling -

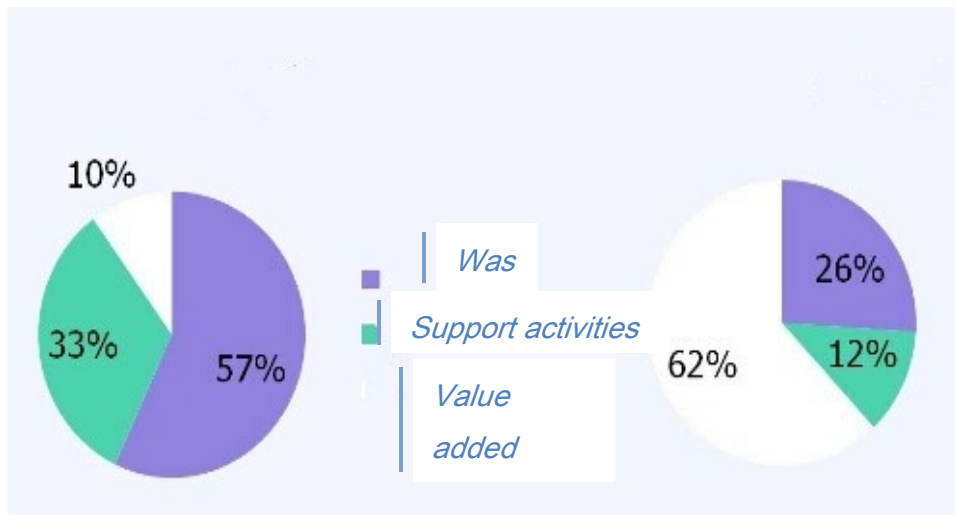
BIM- , 1975 Chuck Eastman  
 BIM . 1986 Robert Aish BIM-  
 . 1997 Chuck Eastman  
 . 2002 Jerry Lniserin BIM  
 BIM-

BIM :

1. ;
2. ;
3. ;

| The construction industry

| Manufacturing industry



2011

BIM-

BIM-  
2000

2020

BIM

1.

3%

2.

80 %

3.

10%

4.

7%

5.

40%

BIM-

5

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BIM

BIM-

BIM

-

BIM-

, BIM-

1.

BIM

2.

BIM

BIM-

3.