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1.3. -	12
1.3.1.	12
1.3.2.	13
1.3.3. -	14
1.4.	16
1.4.1.	16
1.4.2. -	19
1.4.3.	20
2.	22
2.1.	22
2.1.1.	22
2.1.2.	24
2.1.3.	25
2.2.	28
2.2.1.	28
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PMBOK [10, . 8],

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 [8, . 15],
 BPMN (), *EPC* (с
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. SADT (Structured Analysis and Design Technique) IDEF (Integration Definition for Functional Modeling).

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[8, . 17] c -

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UML (Unified Modeling Language).

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[8, . 18]

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BPMN (Business Process Model and Notation), ARIS (Architecture of Integrated Information Systems), EPC ().

1.3.2.

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1. P ;

2. T ;

- 3. $I;$
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$G = V, A,$ -

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1. (flow objects);
2. (data);
3. (connecting objects);
4. (swimlane);
5. (artifacts).

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BPMN

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YAWL*YAWL (Yet Another Workflow Language)*

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[21]. Canningham LLP

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Zagiel S.A.

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• BPM- [22] -
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PMBOK Guide [10, . 33]

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— [32], [33],[34], [35].

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APQC [47].

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Gartner Inc. ([48]) Forrester Research [49]) 2009 – 2013 .
 [48], [49],
 The Forrester Wave [50], [51], [52], [53],
 Gartner Magic Quadrant [54], [55], [56], [57].
 : PegaSystems, IBM, Appian, Progress Software, Metastorm
 : Fujitsu, EMC, Global360, Bosh Software Innovations

2.2.2.

([2.2.1](#) [28](#)),

: Appian BPM Suite[\[58\]](#), OpenText MBPM

[59], Cordys BPMS [60], Pegasystems BPM [61], Fujitsu Interstage BPM [62], Tibco Active Matrix BPM [63];

: jBPM [64], BonitaBPM [65], Taverna Workflow [66], Activiti BPM [67], Pegasus [68], Intalio BPMS [69].

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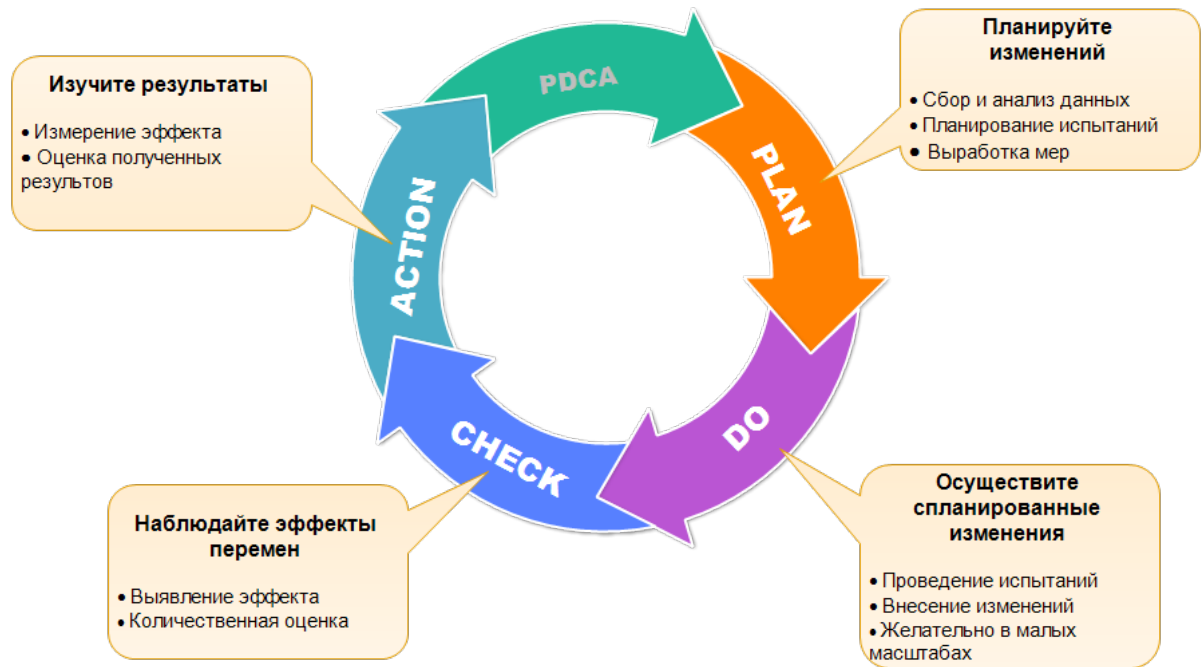
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Appian BPM Suite	9	8	9	7
OpenText MBPM	8	7	8	10
Cordys BPMS	10	8	6	9
Pegasystems BPM	10	9	10	9
Fujitsu Interstage BPM	7	7	6	5
Tibco Active Matrix BPM	6	10	9	9
jBPM	8	7	8	7
BonitaBPM	8	8	10	7
Taverna Workflow	5	10	6	7
Activiti BPM	7	6	7	5
Pegasus	5	10	8	8
Intalio BPMS	9	6	8	5

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OpenText MBPM	7	8	6	7
Cordys BPMS	3	10	3	1
Pegasystems BPM	4	10	5	9
Fujitsu Interstage BPM	8	5	8	8
Tibco Active Matrix BPM	0	1	2	0
jBPM	2	6	2	0
BonitaBPM	7	5	3	3
Taverna Workflow	3	2	4	0
Activiti BPM	0	2	0	2
Pegasus	1	0	1	0
Intalio BPMS	1	1	3	1

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