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PMBOK [10, . 8],

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 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 ().

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1. P ;

2. T ;

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- 4. $O.$

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. [14, . 18]

$G = V, A,$ -

$v_i \in V$

$a_i \in A.$

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

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YAWL*YAWL (Yet Another Workflow Language)*

(Aalst)

(Hofstede) 2003

[\[16\]](#),**YAWL**[\[16, c. 3\]](#)

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YAWL,

[\[16, . 10\]](#),**YAWL**[13](#)).**1.4.****1.4.1.**WfMC [\[17, . 9\]](#)

(Workflow)

[1.3.2](#)

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(workflow engine).

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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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 —eTOM [45] SCOR [46]
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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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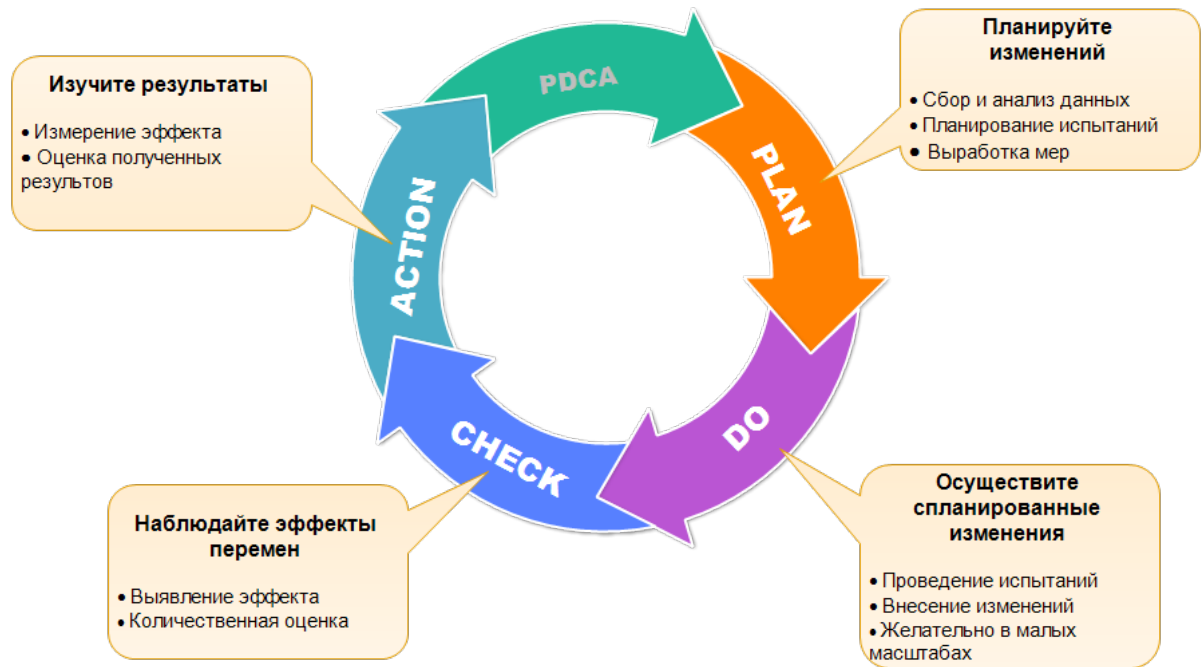
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Cordys BPMS	3	8	7	5
Pegasystems BPM	3	8	7	5
Fujitsu Interstage BPM	3	8	7	5
Tibco Active Matrix BPM	3	8	7	5
jBPM	3	8	7	5
BonitaBPM	3	8	7	5
Taverna Workflow	3	8	7	5
Activiti BPM	3	8	7	5
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Fujitsu Interstage BPM	3	8	7	5
Tibco Active Matrix BPM	3	8	7	5
jBPM	3	8	7	5
BonitaBPM	3	8	7	5
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