

The slide features three logos at the top: the European Union flag (UNIUNEA EUROPEANĂ), the Romanian Government logo (GUVERNUL ROMÂNIEI), and the logo for INSTRUMENTE STRUCTURALE 2007-2013. The main title 'LOTHAR and LOTHAR+' is in large blue serif font, followed by a subtitle 'The Experience and the Way Ahead for Financial Forecasting Tools' in a smaller black serif font. The author's name 'Daniel Nigohosyan' and affiliation 'ECORYS' are in blue text at the bottom right. A small note at the bottom left states 'Proiect co-finanțat din Fondul European de Dezvoltare Regională prin POAT 2007-2013'.

The slide features the same three logos at the top. The word 'Contents' is prominently displayed in a large blue serif font. Below it is a bulleted list: 'Context and experience in Bulgaria - figures', 'LOTHAR', and 'LOTHAR+'. A small note at the bottom left states 'Proiect co-finanțat din Fondul European de Dezvoltare Regională prin POAT 2007-2013'.

   <b>UNIUNEA EUROPEANĂ</b> <b>GUVERNUL ROMÂNIEI</b> <b>INSTRUMENTE STRUCTURALE</b> <b>2007-2013</b>					
<b>OP</b>	<b>Programme Budget</b>		<b>Projects</b>		
	<b>Total</b>	<b>EU financing</b>	<b>Submitted</b>	<b>Contracted</b>	
OPT	3 918 468 568,90	3 177 205 981,05	94	66	
OPE	3 521 957 127,09	2 868 078 948,50	947	396	
OPRD	3 131 821 211,89	2 662 048 029,82	1816	944	
OPC	2 273 096 041,11	1 932 131 636,22	6417	1434	
OPTA	111 129 139,91	94 459 769,02	102	88	
OPHRD	2 374 122 530,87	2 018 004 151,73	6720	2032	
OPAC	353 592 720,03	300 553 812,12	1658	345	
<b>Total</b>	<b>15 684 187 339,80</b>	<b>13 052 482 328,46</b>	<b>17754</b>	<b>5305</b>	

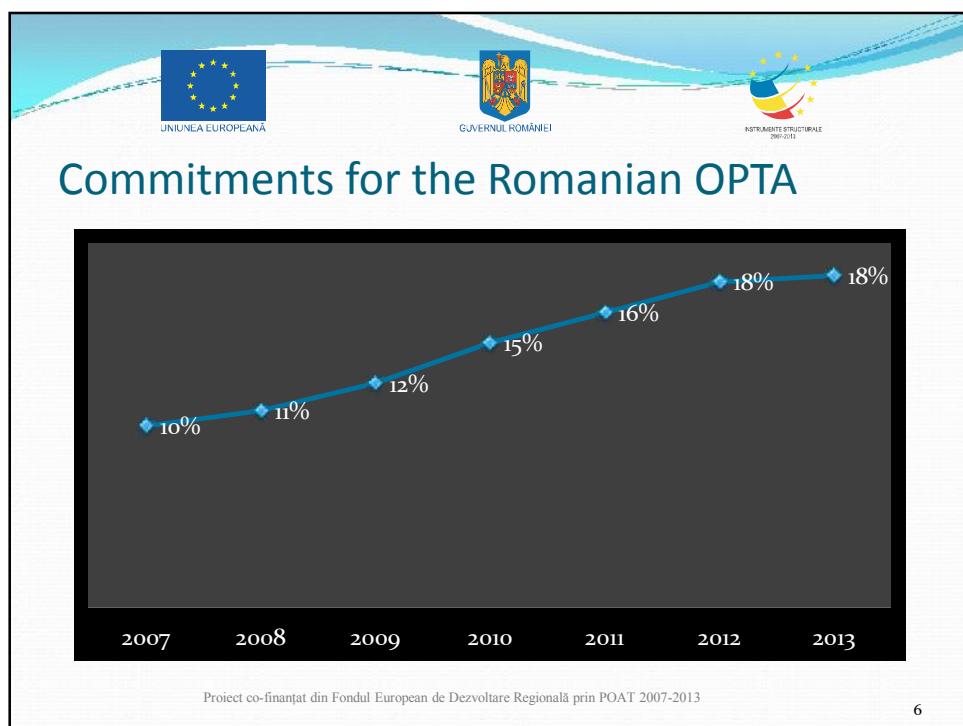
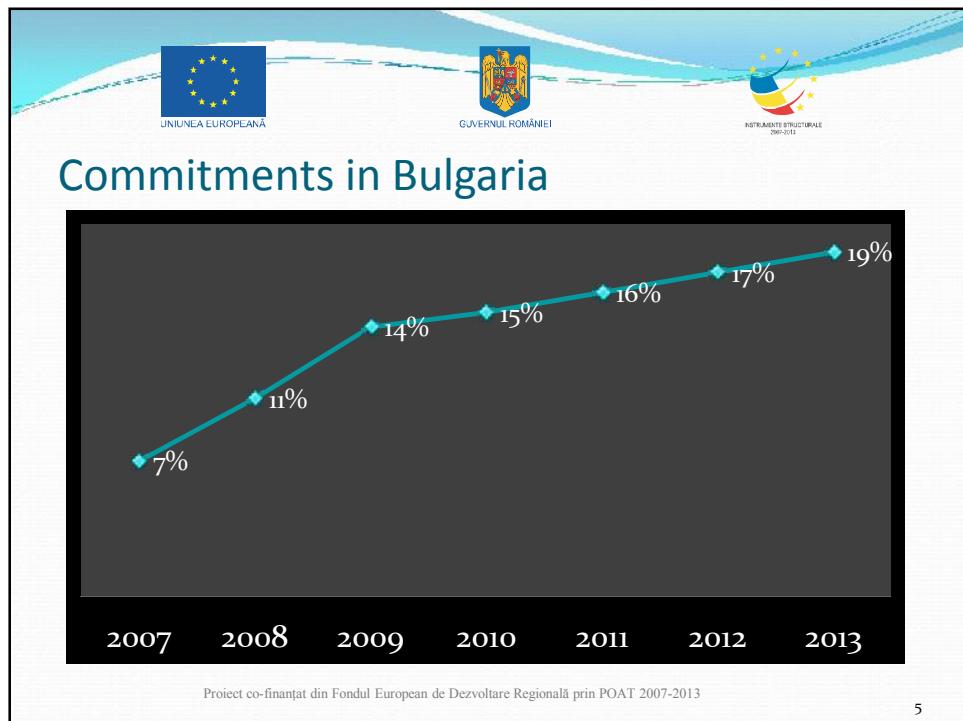
Fonduri finanțate din Fondul European de Dezvoltare Regională prin PNDR 2007-2013

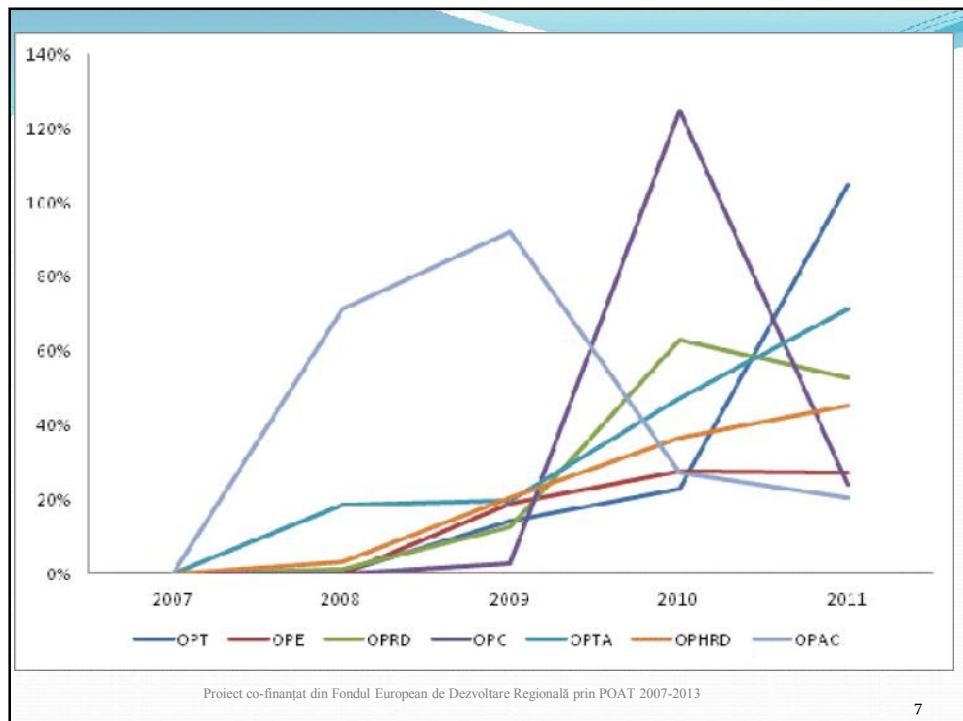
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   <b>UNIUNEA EUROPEANĂ</b> <b>GUVERNUL ROMÂNIEI</b> <b>INSTRUMENTE STRUCTURALE</b> <b>2007-2013</b>					
<b>OP</b>	<b>Contracted</b>				
	<b>Total</b>	<b>OP Financial support</b>	<b>%</b>	<b>EU financing</b>	
OPT	5 045 485 592,46	3 602 277 021,02	91,93	2 904 591 974,33	
OPE	2 500 413 790,61	2 322 516 783,25	65,94	1 882 472 647,97	
OPRD	2 611 765 569,18	2 523 015 809,58	80,56	2 144 563 437,69	
OPC	1 397 786 822,37	983 181 174,07	43,25	835 703 997,23	
OPTA	62 683 360,11	62 683 360,11	56,41	53 280 856,11	
OPHRD	1 796 327 339,67	1 786 060 603,02	75,23	1 518 152 757,11	
OPAC	232 250 051,98	232 222 436,54	65,68	197 389 070,81	
<b>Total</b>	<b>13 646 712 526,38</b>	<b>11 511 957 187,59</b>	<b>73,40</b>	<b>9 536 154 741,25</b>	

Fonduri finanțate din Fondul European de Dezvoltare Regională prin PNDR 2007-2013

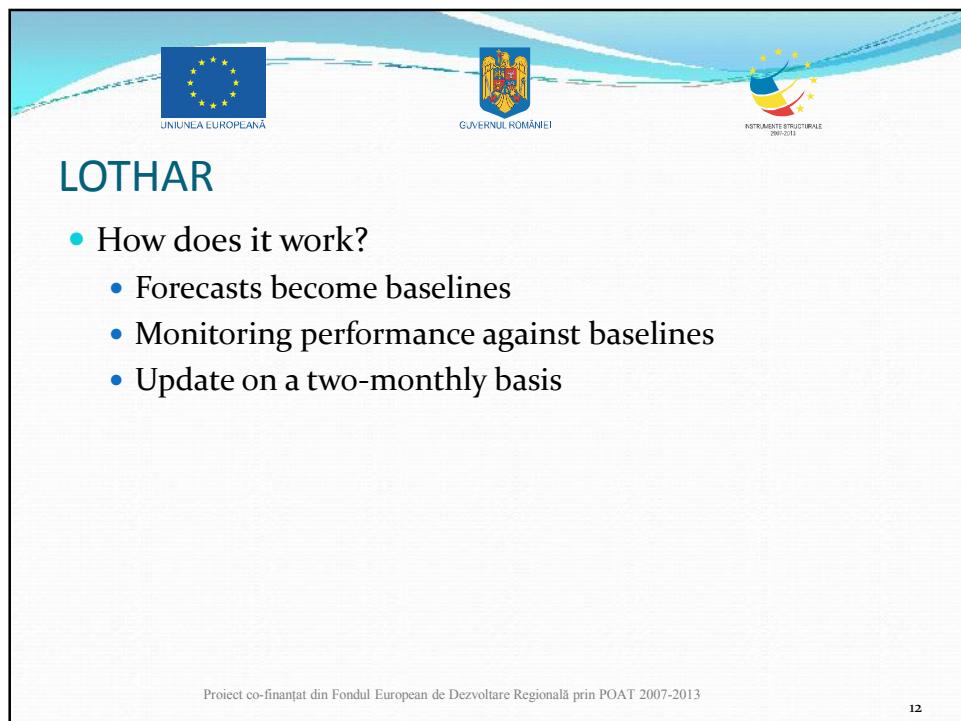
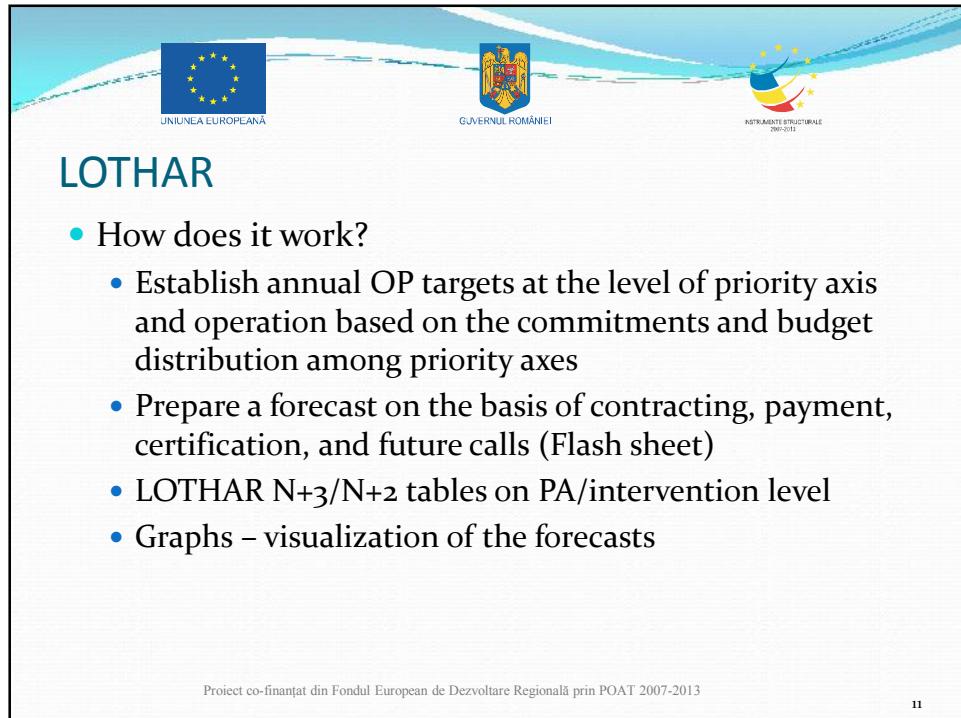
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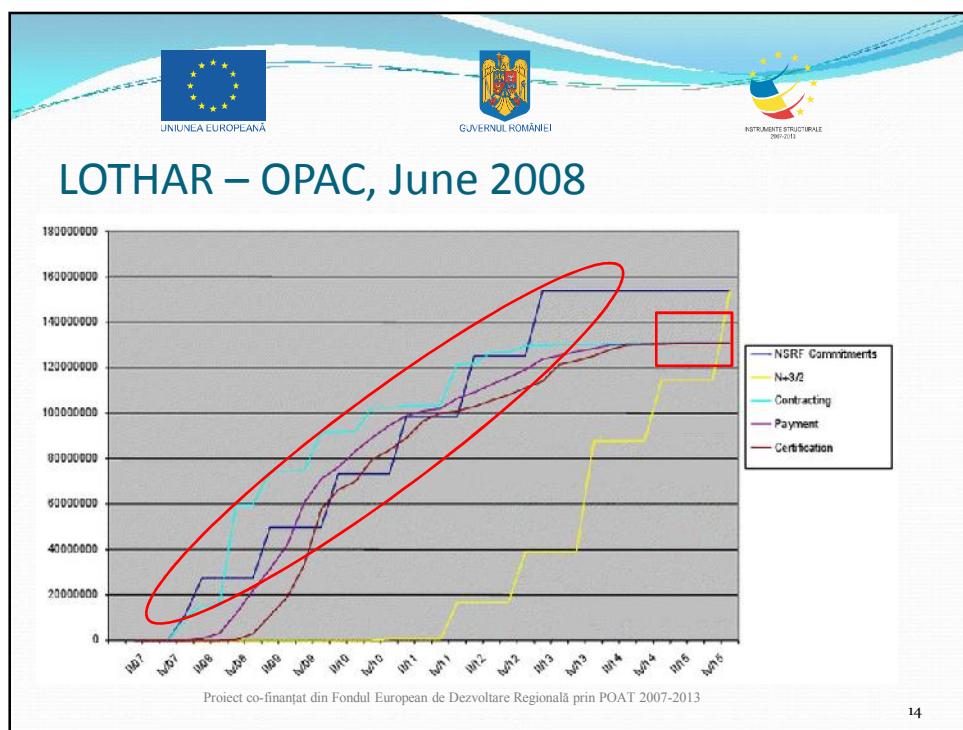
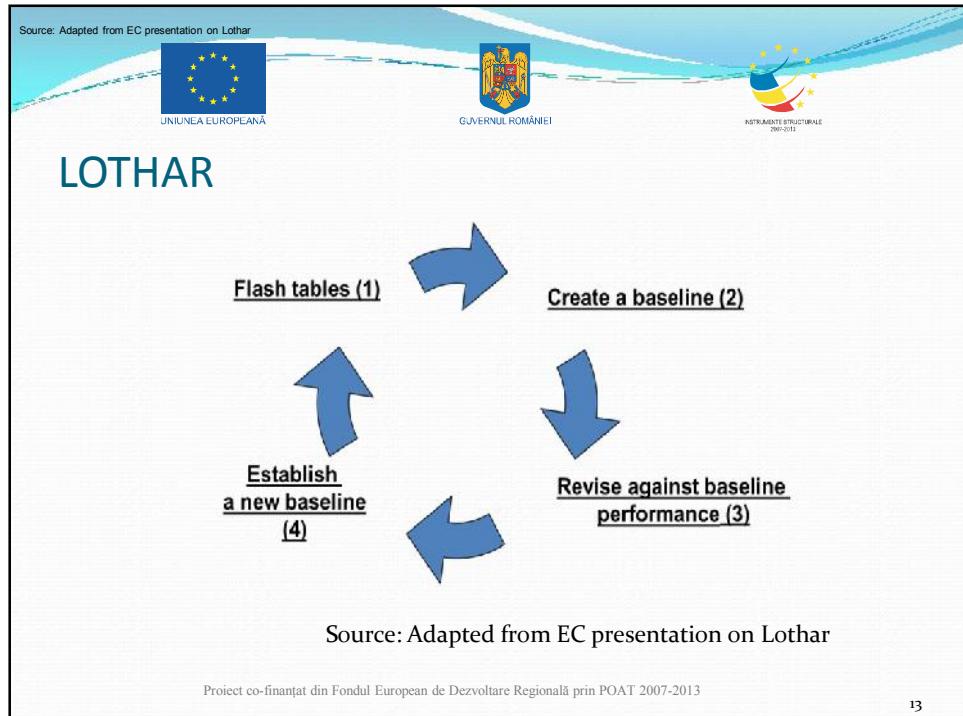


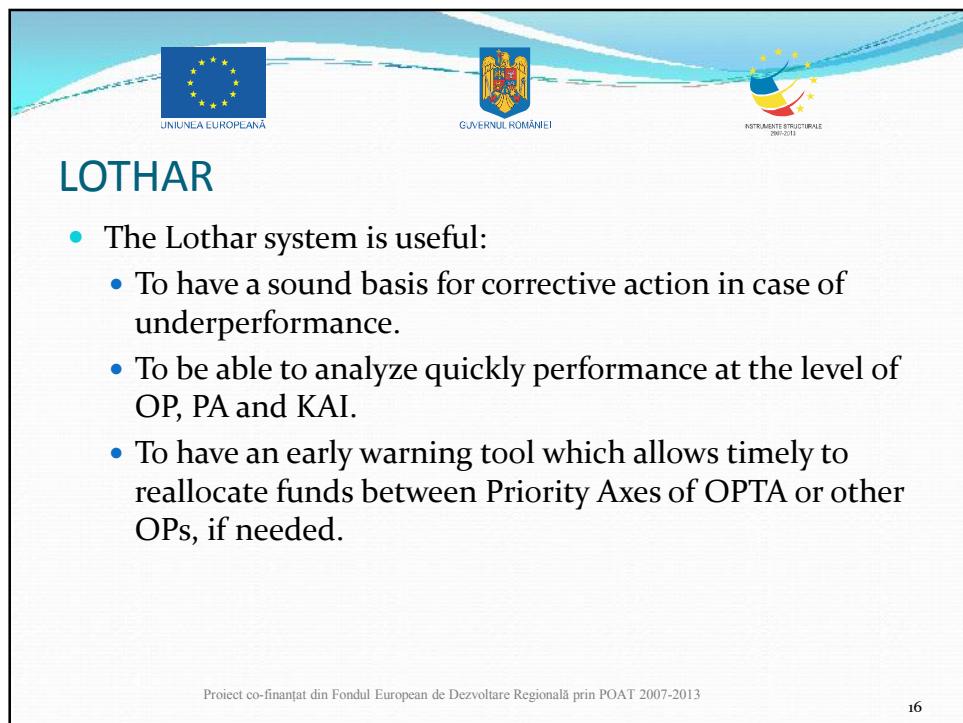
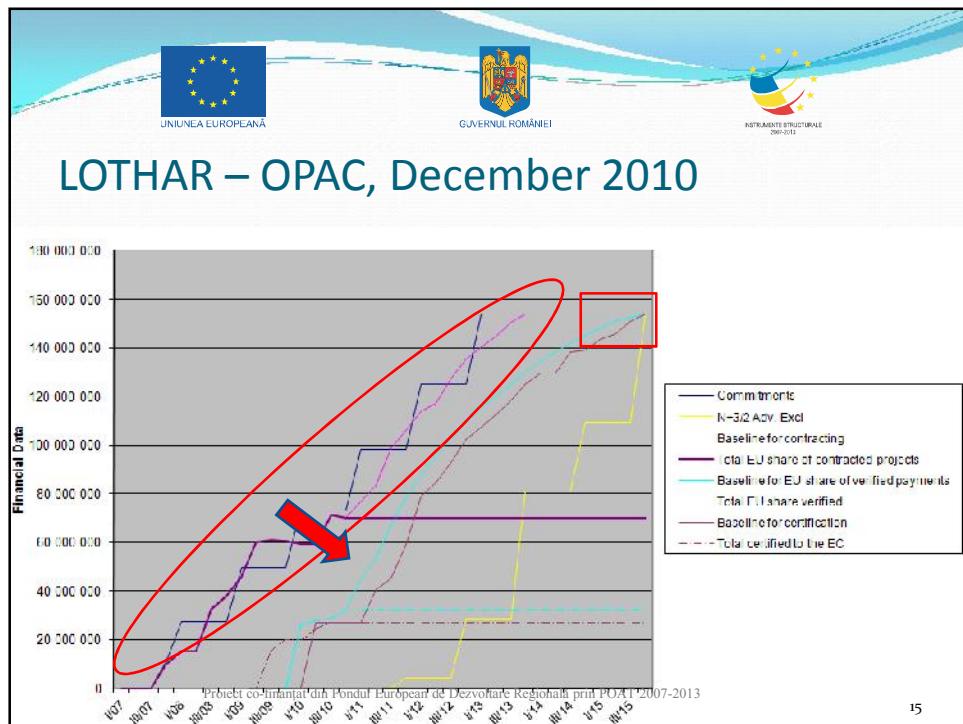


The slide features three logos at the top: the European Union flag, the Romanian Government logo, and the logo for 'INSTRUMENTE STRUCTURALE 2007-2013'. The main title 'How to make forecast on absorption?' is centered in a large blue font. Below the title are two illustrations: a circular portrait of a man in a suit holding a silver platter with a graph on it, and a cartoon of a man at a desk surrounded by computer monitors displaying graphs, with the text 'ECONOMIC FORECAST' above him. At the bottom left is the text 'Proiect co-finantat din Fondul European de Dezvoltare Regională prin POAT 2007-2013' and at the bottom right is the number '9'.

The slide features three logos at the top: the European Union flag, the Romanian Government logo, and the logo for 'INSTRUMENTE STRUCTURALE 2007-2013'. The title 'LOTHAR' is centered in a large blue font. Below the title is a bulleted list of four items: '• Excel-based', '• Used for the preparation of financial forecasts for the absorption of SCF', '• Used also for monitoring of their implementation', and '• Objective: to monitor the implementation of N+3/2 principle under the OPs so that corrective actions could be taken if there is a risk of decommitment'. At the bottom left is the text 'Proiect co-finantat din Fondul European de Dezvoltare Regională prin POAT 2007-2013' and at the bottom right is the number '10'.









## LOTHAR

- Lothar's advantages:
  - Provides information on the level of operations
  - Combines comprehensive information on commitments, payments, contracting, verification, certification, and project appraisal
  - Facilitates analysis of time series
  - Enables forecasting with available projects
  - Shows the decommitment risk ( $N+3/2$ )
  - Provides automatic charts
  - Relatively easy to use

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## LOTHAR

- Some issues with Lothar:
  - LOTHAR is mostly used as a monitoring rather than a forecasting tool
  - LOTHAR does not automatically signal for potential decommitment risks. One should be able to 'read' the model.
  - LOTHAR does not automatically provide forecasts – forecasts are made by experts with the help of LOTHAR
  - Sometimes there is difference between the UMIS and LOTHAR data

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**LOTHAR+**

- Project name: Evaluation of the absorption capacity of the Operational Programme Technical Assistance (OPTA)
- Start January 2012
- Objective:
  - to improve the quality, effectiveness and consistency of the assistance
  - assess the danger of automatic de-commitment of OP funds over the next years
  - propose adequate options of reallocation of the possible unused funds within the programme or to other programmes

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**LOTHAR+**

- LOTHAR-based, but entirely customized for OPTA (no calls)
- VBA
- Bottom-up approach
  - Based on the input information, an estimate of the contracted, verified and certified amounts was constructed at the level of key areas of intervention.
  - They were then aggregated to PAs and overall OPTA level

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## LOTHAR+

- Main features:
  - Automatic forecasting (not done by experts)
  - Interactive choice of visualization
  - State of play (do-nothing) scenario

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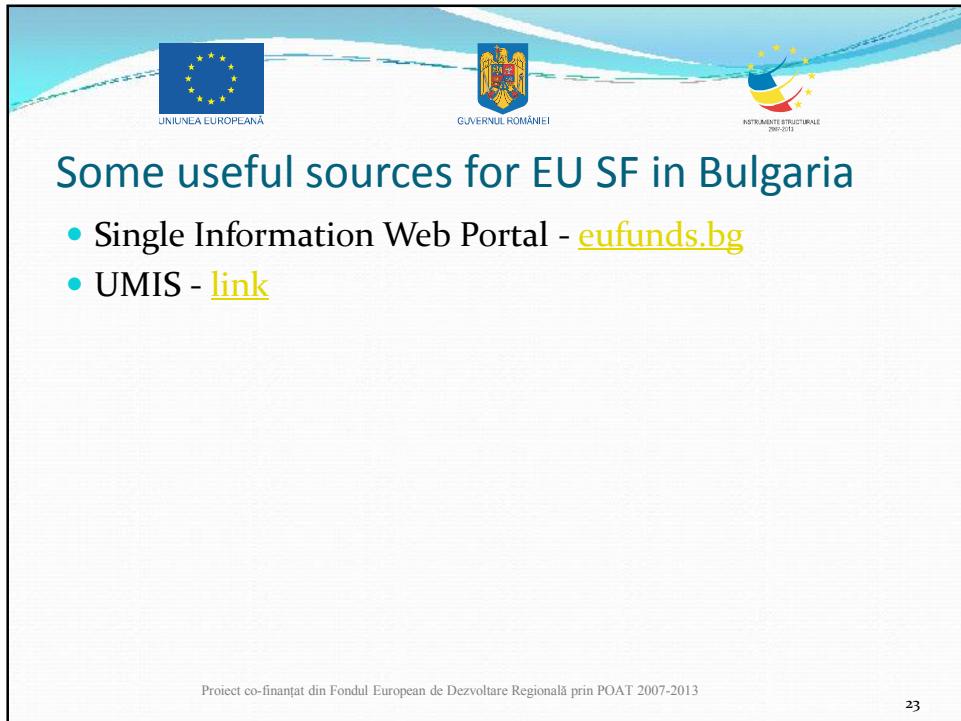
INSTRUMENTE STRUCTURALE  
2007-2013

## LOTHAR+

- Main features:
  - Scenarios based on different parameters:
    - Appraisal period
    - First approval and fin. agreement
    - Project implementation
    - Request for payment and authorisation
    - Authorisation and payment
    - Reallocation
    - Adding of projects
    - (Procurement)
  - When - soon

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## Some useful sources for EU SF in Bulgaria

- Single Information Web Portal - [eufunds.bg](http://eufunds.bg)
- UMIS - [link](#)

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