

OSi Mapping Programmes

		Approx	Current	% now	Planned
Area	Scale	Coverage	Revision	Complete	Revision
			Cycle		Cycle
Urban	1:1,000	0.1m Ha	1 year	100%	1 year
Suburban	1:2,500	0.5m Ha	1 year	100%	1 year
Periurban	1:2,500	1.5m Ha	5 year	100%	3 year
Rural	1:5,000	4.7m Ha	n/a	100%	5 year
	<u> </u>		<u> </u>	<u> </u>	



Area

Vector

Raster

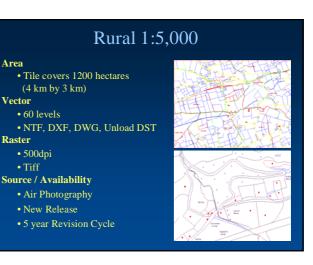
Osi

• 500dpi



Mandate specifics

- Underlying physical infrastructure
- National mapping
- Encourage and promote its benefits
- Advice to Government
- Boundary surveys
- Archaeology and place names
- Protecting copyright



Orthophotography

- Raster (TIFF)
- Entire Country available
- Registered to Irish Grid and ITM
- 1m Resolution Photo Scale
- 1:40,000
- Colour (256 tones)
 Date of Capture 2000-03

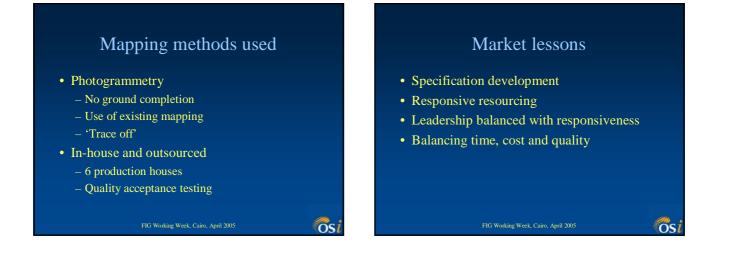


Outsourcing lessons

- Include a pre-production phase
- Collaborative working is essential – At all levels
 - Face-to-face whenever possible
- Acceptance testing methodology

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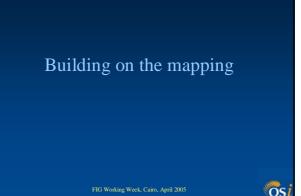


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Operational lessons

- Make maximum use of flexible data structures and coding
- Use of the old mapping
 - Complex and time-consuming
 - Essential component of completeness

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Conclusion

- It's all about balance!
 - Business versus social
 - Different customer requirements
 - All the data linkages (and tensions!)

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- In-house versus outsourced
- And it doesn't get any easier!!

Data developments

- Structured upspeccing programme
 - Remove differences by scale
 - Full connectivity
 - Increased attribution
- Reducing revision cycles
- New coordinate reference system
- Better statistics on accuracy
- More accurate height information

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OSi.....excellence in providing quality mapping and geographic information services to meet society's needs

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Systems developments

- New master database implemented
 - Open, Oracle environment
 - Enables richer data structures
 - Topographic identifiers
- New editing tools
 - Large-scales elements delivered by Sysdeco
 - Leica developing live link to photogrammetry
 - Watching carefully developments on generalisation etc

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