




**FIG SYDNEY 2010**  
XXIV FIG International Congress 2010  
*Facing the Challenges - Building the Capacity*  
Sydney Convention & Exhibition Centre  
11-16 April 2010


**The public's understanding  
of a real estate cadastral status  
and the surveyour's measurements  
probative role**

**FIG**  Consiglio Nazionale Geometri e Geometri Laureati 


Bruno Razza - Italy

**Cadastral updating data should be everywhere computerized and transmitted by internet and therefore they have to be correctly codified**



**FIG** 

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**Ufficio provinciale di:** GORIZIA  
**Protocollo n.:**  
**Data:**  
**Codice file PREGEO:** 8.914.244

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*Dati generali del tipo*

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**Comune:** SAN LORENZO ISO  
**Foglio:** 0060  
**Tecnico:** BRUNO RAZZA  
**Provincia:** GORIZIA

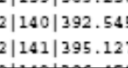
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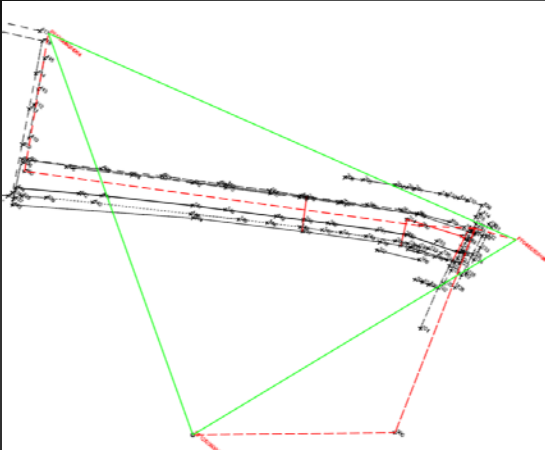
0|09062009|9|H964|0060|49,50|BRUNO  
 9|50|10|20|547|9.00-G,Stda 3.13|FR  
 1|100|1.660|chiodo (rif. alt. a te:  
 2|200|0.0000|101.3940|34.012|1.400  
 2|PF04/0060/H964|214.4885|98.9980|:  
 2|300|320.9230|100.2290|135.321|1.  
 2|101|328.9715|70.240|rec|  
 2|102|332.7125|43.367|rec|  
 2|103|341.3810|45.100|rec|

2|113|46.6555|30.494|rec|  
 2|114|121.6945|9.403|marciapi|  
 2|115|100.8675|7.055|marciapi|  
 2|116|104.2135|2.679|marciapi|  
 2|117|350.6975|2.898|marciapi|  
 2|118|368.5425|4.951|marciapi|  
 2|119|335.3415|8.955|marciapi|  
 2|120|341.8560|13.747|marciapi|  
 2|121|332.1940|17.429|marciapi|  
 2|122|331.1420|21.495|marciapi|  
 2|123|335.0160|27.881|marciapi|  
 2|124|330.5080|30.034|marciapi|  
 2|125|330.0670|39.053|marciapi|  
 2|126|318.0665|38.729|marciapi|  
 2|127|314.8560|29.868|marciapi|  
 2|128|302.5950|15.831|marciapi|  
 2|129|247.3470|6.442|marciapi|  
 2|130|176.8895|9.065|marciapi|  
 2|131|191.0530|10.090|rec|  
 2|132|234.4380|8.512|rec|  
 2|133|280.6020|12.537|rec|  
 2|134|299.7660|19.355|rec|  
 2|135|309.5835|28.346|rec|  
 2|136|357.0115|25.725|filare|  
 2|137|370.7540|31.511|filare|  
 2|138|377.6420|36.479|filare|  
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 2|140|392.5455|67.641|filare|  
 2|141|395.1270|82.891|filare|

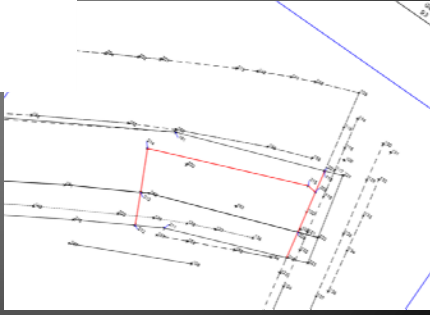
3









MEASUREMENTS PRODUCED  
STANDARDIZED



MEASUREMENTS PRODUCED  
STANDARDIZED DEVELOPMENT

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## Cadastral updating map



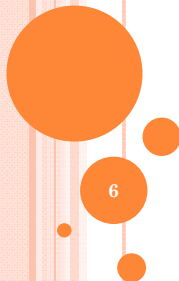
Before

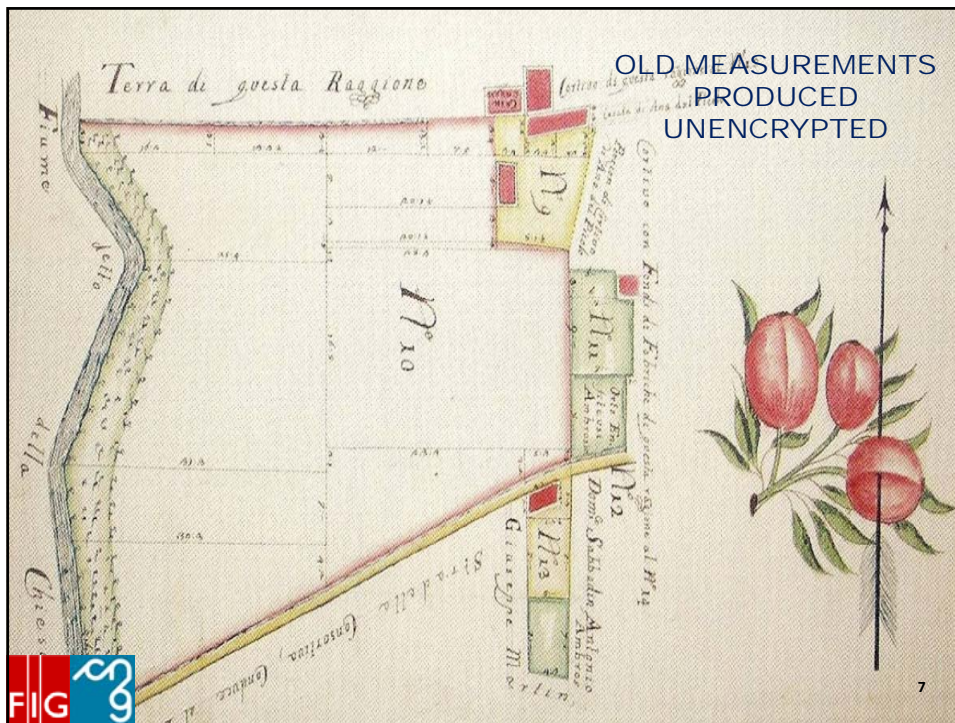
After



5

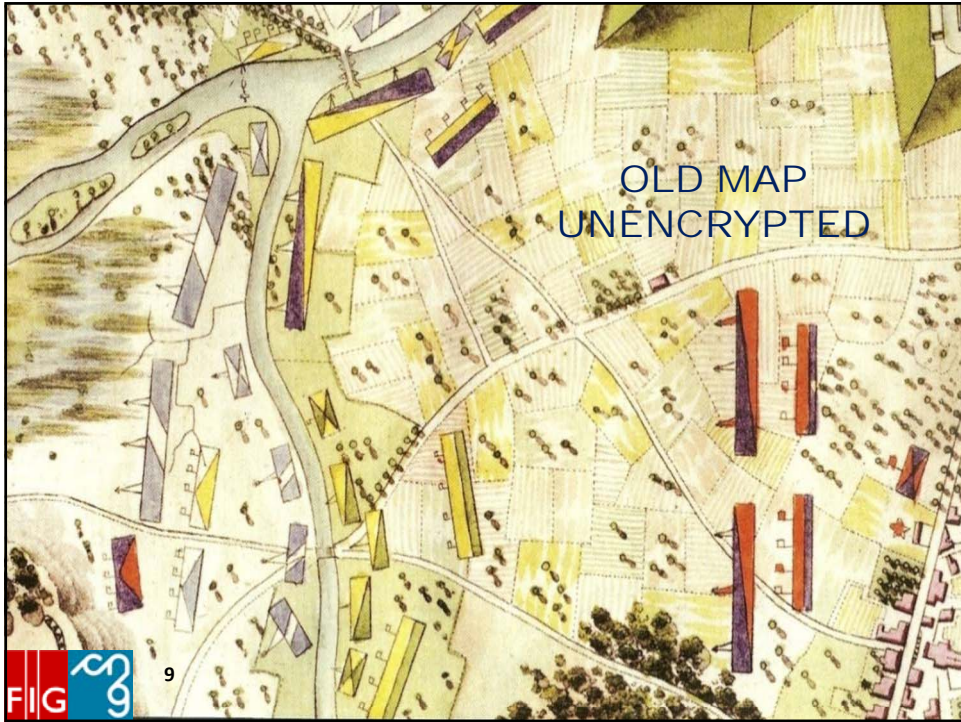
**Therefore it is not possible that a common citizen, without any specific technical knowledge, might be able to read and understand the documents registered on the Cadastral Registry**





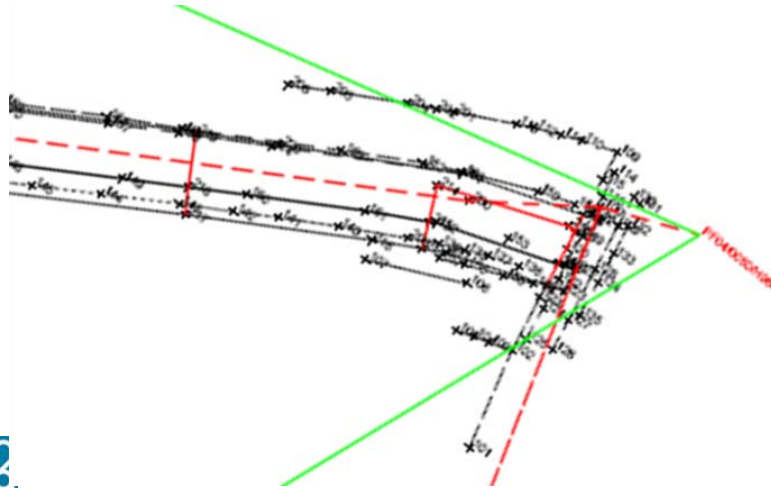
THESE NEW TECHNOLOGIES AND  
THE COMPUTERISED PROCEDURS  
GENERATE THE ABANDON  
OF PAPER RECORDING, WRITTEN  
MEASUREMENTS, DETAILED  
DESCRIPTIONS, COLOURS AND WHAT,  
IN THE PAST, WAS USEFUL FOR AN  
EASY AND CORRECT  
INTERPRETATION OF BOTH  
TECHNICAL AND LEGAL CONTENTS

FIG 8



# Measurements produced

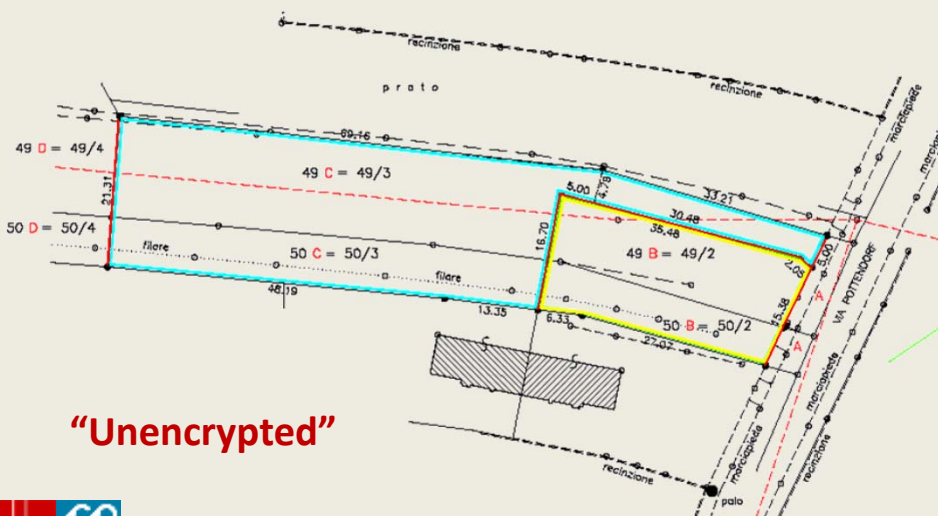
“Standardized”



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# Measurements produced

“Unencrypted”



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**Unencrypted representations,  
as support of a modern Cadastre,  
represent the way to create (thanks  
to Surveyours)  
a new and regular  
archive of the  
probative age**



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2010

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**Thank you for your  
polite attention**



Consiglio Nazionale  
Geometri e Geometri Laureati



Bruno Razza - Italy

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