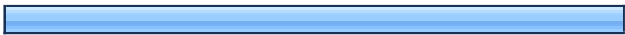






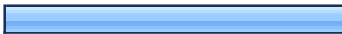
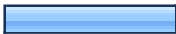
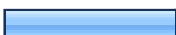




# FSC NGO Stakeholders - Survey of mapping systems, mobile technologies and GIS platforms








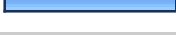
1. Please could you provide the following information on yourself and your affiliation. Please answer all questions as an individual and not on behalf of your corporate affiliation unless it specifically asks. The data will be used in aggregate form and no individual responses' data will be identifiable or published.

		Response Percent	Response Count
Respondent name:		100.0%	11
Company / organization:		100.0%	11
Position:		90.9%	10
Country:		100.0%	11
Email Address:		100.0%	11
		answered question	11
		skipped question	0



**2. What are your principal activities in relation to forest certification or management against the FSC Principles and Criteria? Please select all that apply to you.**

		Response Percent	Response Count
<b>Advising on Environmental aspects of certification</b>		54.5%	6
Advising on Social criteria relating to certification		27.3%	3
Advising on certification strategies		27.3%	3
Monitoring performance against environmental criteria		45.5%	5
Monitoring performance against social criteria		9.1%	1
<b>Special focus on HCVs</b>		54.5%	6
Other - please specify what		27.3%	3
	Other (please specify)		3
		<b>answered question</b>	<b>11</b>
		<b>skipped question</b>	<b>0</b>






**3. Which regions are you most active on FSC related work? Please select any that apply to you.**

		Response Percent	Response Count
Europe		36.4%	4
North America		18.2%	2
Central and South America		27.3%	3
Europe including Russia		18.2%	2
<b>Africa</b>		<b>45.5%</b>	<b>5</b>
Asia		27.3%	3
Oceania		0.0%	0
		<b>answered question</b>	<b>11</b>
		<b>skipped question</b>	<b>0</b>








**4. Do you use GIS software?**

		Response Percent	Response Count
Yes		72.7%	8
No		27.3%	3
Not sure		0.0%	0
		<b>answered question</b>	<b>11</b>
		<b>skipped question</b>	<b>0</b>

**5. Which GIS software do you use? Please select all appropriate and specify version in the text box (this is important for assessing compatibility issues).**

		Response Percent	Response Count
ESRI-based (ArcView, ArcMap, ArcGIS, etc)		50.0%	4
MapInfo		0.0%	0
Google Earth		37.5%	3
Quantum GIS (QGIS)		50.0%	4
Not sure		12.5%	1
Other software (specify name and version.....)		12.5%	1
		<b>answered question</b>	<b>8</b>
		<b>skipped question</b>	<b>3</b>



## 6. What are the reasons that you chose the GIS software selected?

		Response Percent	Response Count
<b>Provides better tools / extensions for Forestry related work</b>		50.0%	4
Provides better tools / extensions for Certification work		25.0%	2
Provides better background map data		37.5%	3
<b>It is easier to learn / use</b>		50.0%	4
It has better technical support		12.5%	1
Its is cheaper		12.5%	1
It is free		37.5%	3
Not sure		0.0%	0
	Other (please specify)		2
<b>answered question</b>			<b>8</b>
<b>skipped question</b>			<b>3</b>

## 7. What is the main reason of not using GIS software?

		Response Percent	Response Count
Don't see any use for it		0.0%	0
Lack of skills within organisation		0.0%	0
<b>Prohibitive software licensing / maintenance costs</b>		<b>100.0%</b>	<b>1</b>
Lack of support		0.0%	0
Not sure		0.0%	0
	Other (please specify)		2
<b>answered question</b>			<b>1</b>
<b>skipped question</b>			<b>10</b>

## 8. Do you use GPS equipment in any form in your work related to certification?

		Response Percent	Response Count
Yes		90.0%	9
No		10.0%	1
<b>answered question</b>			<b>10</b>
<b>skipped question</b>			<b>1</b>






**9. How many items of equipment (phone, tablets, Satnav etc) with GPS do you regularly use?**

		Response Percent	Response Count
Only 1		71.4%	5
2 – 3		28.6%	2
4 or more		0.0%	0
answered question			7
skipped question			4

**10. When auditing, do you work with trained professionals for collecting GPS survey data?**


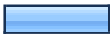

		Response Percent	Response Count
Yes		0.0%	0
No		100.0%	5
answered question			5
skipped question			6

**11. Please could you indicate which types of equipment you currently use that have GPS capability? For any selected, it would be very helpful if you could list the Brand (e.g. Samsung) and the model (e.g. Galaxy) in the text box provided.**

		Response Percent	Response Count
Smart phone		42.9%	3
Tablet		28.6%	2
Other consumer grade Satnav systems (e.g. TomTom)		28.6%	2
GPS enabled camera		0.0%	0
Professional grade low cost high accuracy GPS (e.g. UBLOX)		14.3%	1
Professional grade high accuracy Survey grade (e.g. Trimble, Leica)		0.0%	0
Other		42.9%	3
		<b>answered question</b>	<b>7</b>
		<b>skipped question</b>	<b>4</b>





**12. In the previous question, if you selected a Professional grade survey receiver, please tell us the mode of use (level of accuracy under good conditions) that your receiver can operate in. If you did not make an entry for a Professional grade receiver, please select "not applicable" below For UBLOX type - use LEFT Column; For TRIMBLE/LEICA type use RIGHT column**

		Response Percent	Response Count
<b>Not applicable</b>		83.3%	5
Standalone (~within 20m accuracy*)		16.7%	1
EGNOS assisted (~within 1.5m level accuracy*)		0.0%	0
DGPS/DGNSS (~0.5 – 1m level accuracy*)		0.0%	0
Carrier Phase Differential GPS (Real Time Kinematic or Post Processed in the Office) (mm to cm level accuracy*)		0.0%	0
Precise Point Positioning (PPP) (Post-Processed in the Office)		0.0%	0
Not sure		0.0%	0
<b>Not applicable</b>		33.3%	2
Standalone (~within 20m accuracy*)		0.0%	0
EGNOS assisted (~within 1.5m level accuracy*)		0.0%	0
DGPS/DGNSS (~0.5 – 1m level accuracy*)		0.0%	0
Carrier Phase Differential GPS (Real Time Kinematic or Post Processed in the Office) (mm to cm level accuracy*)		0.0%	0
Precise Point Positioning (PPP) (Post-Processed in the Office)		0.0%	0
Not sure		0.0%	0
Any comment (please specify which type of receiver)			0
<b>answered question</b>			<b>6</b>

skipped question 5



**13. Is your receiver a multi-constellation GPS receiver (that is, in addition to GPS, can it receive signals from other systems such as the Russian GLONASS, etc)?**

		Response Percent	Response Count
Yes		0.0%	0
No		37.5%	3
Not sure		62.5%	5
	Comment		1

answered question 8

skipped question 3




**14. Are the GPS receivers that you have:**

		Response Percent	Response Count
Single frequency (L1 only)		12.5%	1
Dual frequency (L1 and L2)		0.0%	0
Triple frequency (L1, L2 and L5)		0.0%	0
Not sure		87.5%	7
	Any comment:		0



answered question 8

skipped question 3



**15. Is your GPS receiver a high sensitivity receiver (i.e. able to track very weak signals)?**

		Response Percent	Response Count
Yes		33.3%	3
No		33.3%	3
Not sure		33.3%	3
answered question			9
skipped question			2



**16. Do you currently use any Smartphone based software (e.g. ViewWorld) in the field for collecting or registering points, boundaries or tracks?**

		Response Percent	Response Count
Yes		22.2%	2
No		77.8%	7
answered question			9
skipped question			2




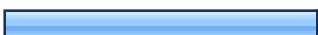
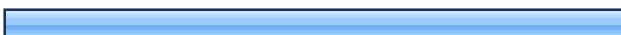
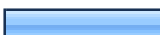
**17. Please could you provide the name (and if readily at hand, a url) of the principle apps that you use.**

		Response Percent	Response Count
App 1		100.0%	2
App 2		50.0%	1
App 3		0.0%	0
answered question			2
skipped question			9


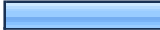
### 18. Do you routinely use GPS in your work related to FSC certification?

		Response Percent	Response Count
Yes		55.6%	5
No		44.4%	4
<b>answered question</b>			<b>9</b>
<b>skipped question</b>			<b>2</b>



### 19. What types of data do you record or check with GPS?

		Response Percent	Response Count
Identify location in field visits		75.0%	3
Checking location of forest roads and boundaries		50.0%	2
Monitoring/mapping of felling coupes, skid trails, temporary roads		50.0%	2
Georeferencing of sample plot information		50.0%	2
Locating fires, encroachments or other boundary relevant events		0.0%	0
<b>Georeferencing ecological and conservation related data</b>		<b>100.0%</b>	<b>4</b>
Locating social issues (e.g. location of settlements, sacred sites)		25.0%	1
	Other (please specify)		1
<b>answered question</b>			<b>4</b>
<b>skipped question</b>			<b>7</b>


## 20. Do you find that the accuracy of GPS readings are adequate for your needs?

		Response Percent	Response Count
Accuracy always acceptable		75.0%	3
In most cases accurate enough		25.0%	1
Often insufficiently accurate		0.0%	0
Please add a comment on circumstances in which accuracy is unacceptable			0
answered question			4
skipped question			7


## 21. Do you find GPS readings agree adequately with map data?

		Response Percent	Response Count
Always		50.0%	2
In most cases		50.0%	2
Usually different		0.0%	0
Comment of accuracy:			0
answered question			4
skipped question			7



## 22. Do you intend to purchase new GPS equipment in the future?

		Response Percent	Response Count
Within 1 years time		0.0%	0
2 – 3 years time		100.0%	1
4 or more years time		0.0%	0
No plans to purchase		0.0%	0
answered question			1
skipped question			10


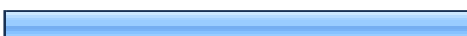
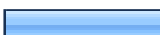
**23. If and when you do purchase new GPS equipment which categories is it likely to be?**

		Response Percent	Response Count
Mass market/consumer grade (smart phone/tablet/camera)		0.0%	0
Hiking/sports grade		0.0%	0
<b>In-car sat nav system (e.g. TomTom)</b>		<b>100.0%</b>	<b>1</b>
Low cost high accuracy system (e.g. Ublox Antaris 5)		0.0%	0
High Accuracy Survey grade (e.g. Trimble, Leica)		0.0%	0
Not sure		0.0%	0
<b>answered question</b>			<b>1</b>
<b>skipped question</b>			<b>10</b>










**24. Do you or your company ever buy satellite imagery or aerial photos of FMUs that you are advising or monitoring?**

		Response Percent	Response Count
Yes		50.0%	5
No		50.0%	5
<b>answered question</b>			<b>10</b>
<b>skipped question</b>			<b>1</b>



## 25. Which of the following do you use:

		Response Percent	Response Count
Aerial photography		25.0%	1
<b>LANDSAT or other free optical satellite imagery</b>		<b>75.0%</b>	<b>3</b>
SPOT or other commercial optical satellite imagery		25.0%	1
Commercial radar satellite data		0.0%	0
Airborne SAR		0.0%	0
Lidar		0.0%	0
	Other (please specify)		0
		<b>answered question</b>	<b>4</b>
		<b>skipped question</b>	<b>7</b>

## 26. Could you list below, the land cover types that you currently map or monitor?

		Response Percent	Response Count
Forest		100.0%	4
Cleared forest		100.0%	4
Planted forest		75.0%	3
Agricultural areas		75.0%	3
Roads		50.0%	2
Rivers and/or water bodies		50.0%	2
Wetlands		25.0%	1
Habitation		50.0%	2
Firebreaks		0.0%	0
Fires		0.0%	0
Topographical features		50.0%	2
	Others (please specify)		0
<b>answered question</b>			<b>4</b>
<b>skipped question</b>			<b>7</b>

## 27. How do you process this data?

		Response Percent	Response Count
Contracted out, to produce GIS compatible layers		25.0%	1
In house, using image processing software: Specify main package used		75.0%	3
<b>answered question</b>			<b>4</b>
<b>skipped question</b>			<b>7</b>



**28. As your organisation does not currently buy satellite imagery or aerial photos for auditing, please can you indicate why?**

		Response Percent	Response Count
We do not have the technical skills		0.0%	0
It is illegal in the countries we work in		0.0%	0
FMU is too small to justify it		0.0%	0
Mapping is too costly		25.0%	1
<b>Adequate publicly available independent maps</b>		<b>75.0%</b>	<b>3</b>
	Other (please specify)		3
<b>answered question</b>			<b>4</b>
<b>skipped question</b>			<b>7</b>

**29. We would like to involve you in an assessment of a mock up of TransparentForests later in 2013. If you are interested in participating in a web cast on TransparentForests and providing feedback to us on how this could support you in your advisory or monitoring work, please select YES below**

		Response Percent	Response Count
Yes		88.9%	8
No		11.1%	1
<b>answered question</b>			<b>9</b>
<b>skipped question</b>			<b>2</b>

**30. Thank you for your time in completing this survey. The data will be used in aggregate form and no individual responses' data will be indentifiable. The information gathered will be used on a non-attributable basis in a report to ESA and feedback to FSC stakeholders. No indivdual responses will be published. If you want to add further questions or comments, please use the box below.**

	<b>Response Count</b>
	4
<b>answered question</b>	<b>4</b>
<b>skipped question</b>	<b>7</b>