

Highlight

2015 ANNUAL REPORT
YAYASAN BADAQ INDONESIA





YABI established and inaugurated on December 28th, 2006 based on Notary Act No. 34 and legalized by the Ministry of Law and Human Rights on March 20th, 2007.

The Mission :

To participate in conserving Javan and Sumatran Rhinoceros through protection and monitoring on population and habitat, breeding improvement, research and development, raising community awareness on present and necessity of conservation efforts of Javan and Sumatran Rhino, collaboration and fundraising for the continuation of program and rhino conservation activities.

The Vision:

To ensure continuous living populations of Javan and Sumatran rhinos in a safe, sustainable habitat.

YABI ORGANOGRAM:

(Draft May, 2014 by Executive Director YABI)

Based on Letter Decision No. :

BOARD OF TRUSTEES

Ir. Darori, MM (Chairman)
 Prof. Dr. Ir. Hadi S. Alikodra, MS
 Dra. Effendy A. Sumardja, MSc
 Drs. Jansen Manansang, MSc
 Dr. Drh. Muhammad Agil, MSc
 Drs. Sukianto Luthi, MSc

Dr. Susie Ellis
 Dr. John Brian Payne
 Mr. Christy Williams
 Ms. Clare Campbell

BOARD OF SUPERVISORS

Ir. Adi Susmianto, MSc (Chairman)
 Drs. Ign. Herry Djoko Susilo, MSc
 Mr. Tonny Sumampaw

BOARD OF MANAGEMENT

Drs. Widodo S. Ramono
 (Executive Director)
 Shanty Maullydianti, SE, MM
 (Operation Manager)
 M. Waladi Isnan
 (Secretary)

HEADQUARTER STAFF

R. Dewi M. Utami, SE
 (Finance Officer)
 Yusep Hardiana S.Hut
 (Database Officer)
 Deddy Wardhana
 (HRD Officer)
 Nasrul Ikhtam
 (Admin)
 Nuke Arincy
 (Infocom Officer)
 Driver & Office Boy

SRS

Drh. Zulfi Arsan
 (Animal Collection)
 Sumadi Hasmaran
 (Facilities)
 Vera
 (Asst. Veterinarian)
 Suci
 (Admin. & Finance)
 Rhino Keepers

RPU-BBSNP

Ujang Suryadi
 (Field Coordinator)
 Zen Afrial
 (Admin. & Finance)
 7 Unit Patrol & Survey

RPU UK-NP

Tisno
 (Field Coordinator)
 Endin
 (Admin. & Finance)
 4 Unit Patrol & Survey

RESEARCH & EDUCATION

Sectionov., S.Hut
 Drh. Dadan D. Subrata
 Nuke Arincy

PROTECTION (RPU)

M. Waladi Isnan (Java Region)
 Drs. Arief Rubianto (Sumatra Region)

FUND RAISING & CONSORTIUM TFCA-YABI

Drs. Haerudin R. Sadjudin
 (Project Manager)
 Lueyana
 (Adm & Finance TFCA-YABI)

JRSCA

Ir. M. Waladi Isnan
 (Operational Project Manager)
 Hayani Suprahman, MSc, DVM
 (Field Coordinator)
 Yanky Wahyudi
 (Admin. & Finance)
 Indra Iriana
 (Database)
 Atggola

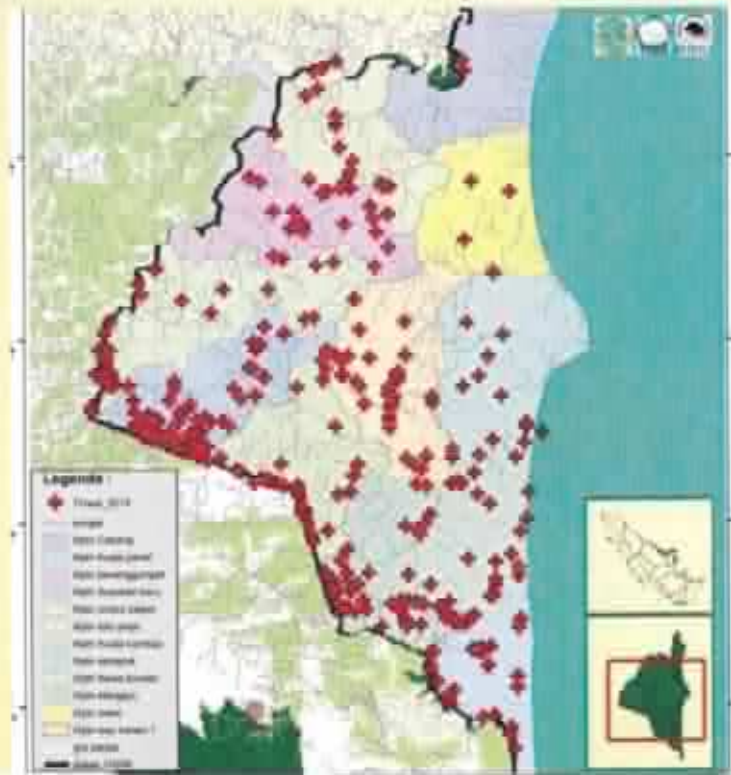
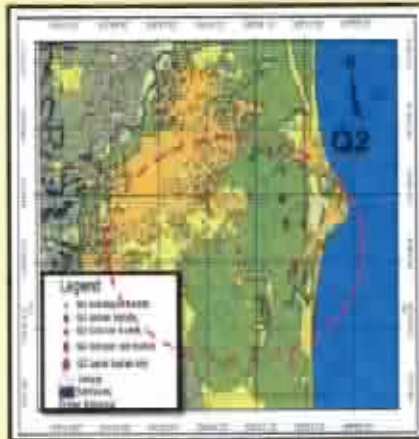
RPU-WKNP

Rahman
 (Field Coordinator)
 Nurmaya Ira
 (Admin. & Finance)
 (5 Unit Patrol & Survey)

ACTIVITIES RPU

WAY KAMBAS NATIONAL PARK

Rhino's Signs Encountered in WK-NP 2015



Encountered a snare



Bird poacher confiscation



Encountered a forest fire



Detected an animal trap



Detected an animal trap



Poacher confiscation



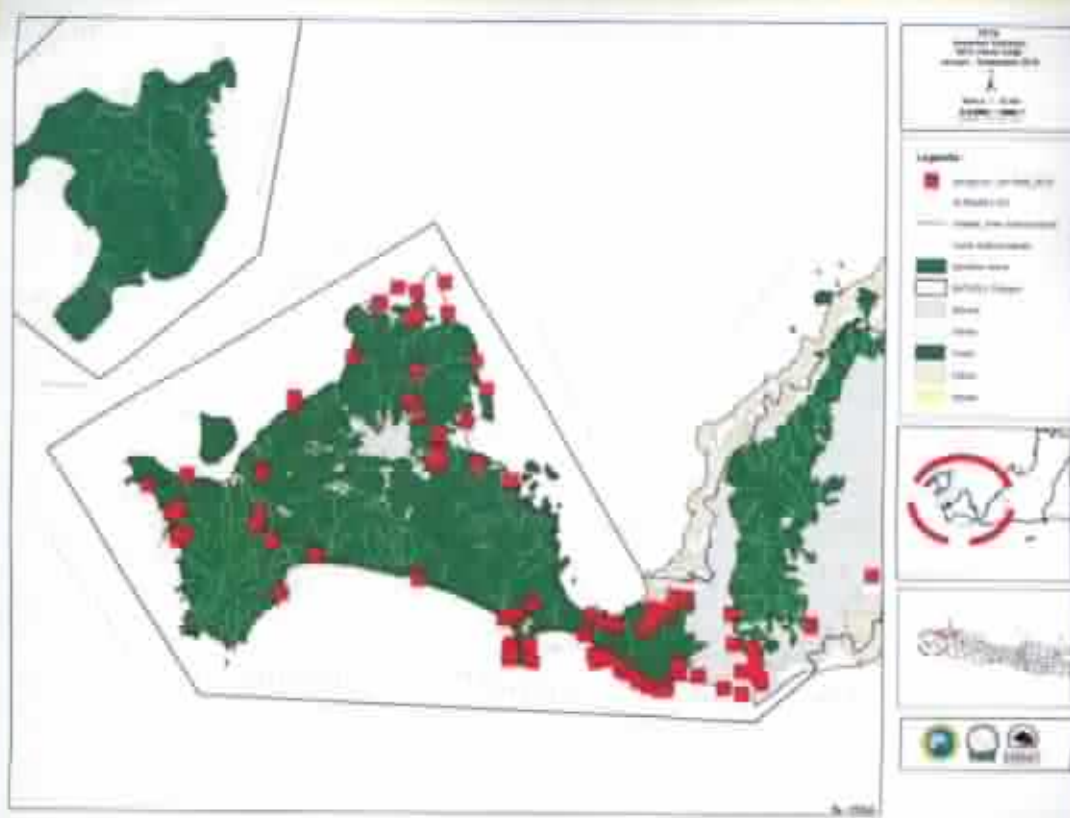
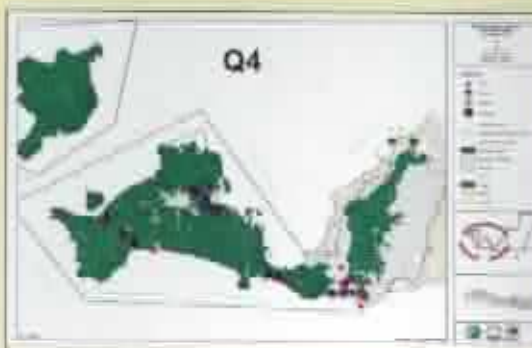
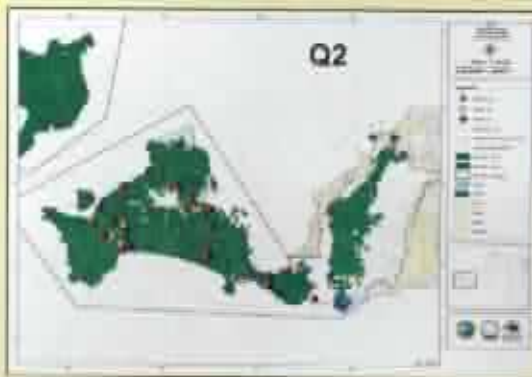
Encountered a snare



ACTIVITIES RPU

UJUNG KULON NATIONAL PARK

Rhino's Signs Encountered in UK-NP 2015



Taken photograph of a javan leopard



Threat turtle



Direct sighting a rhino



Detected a barge vessel

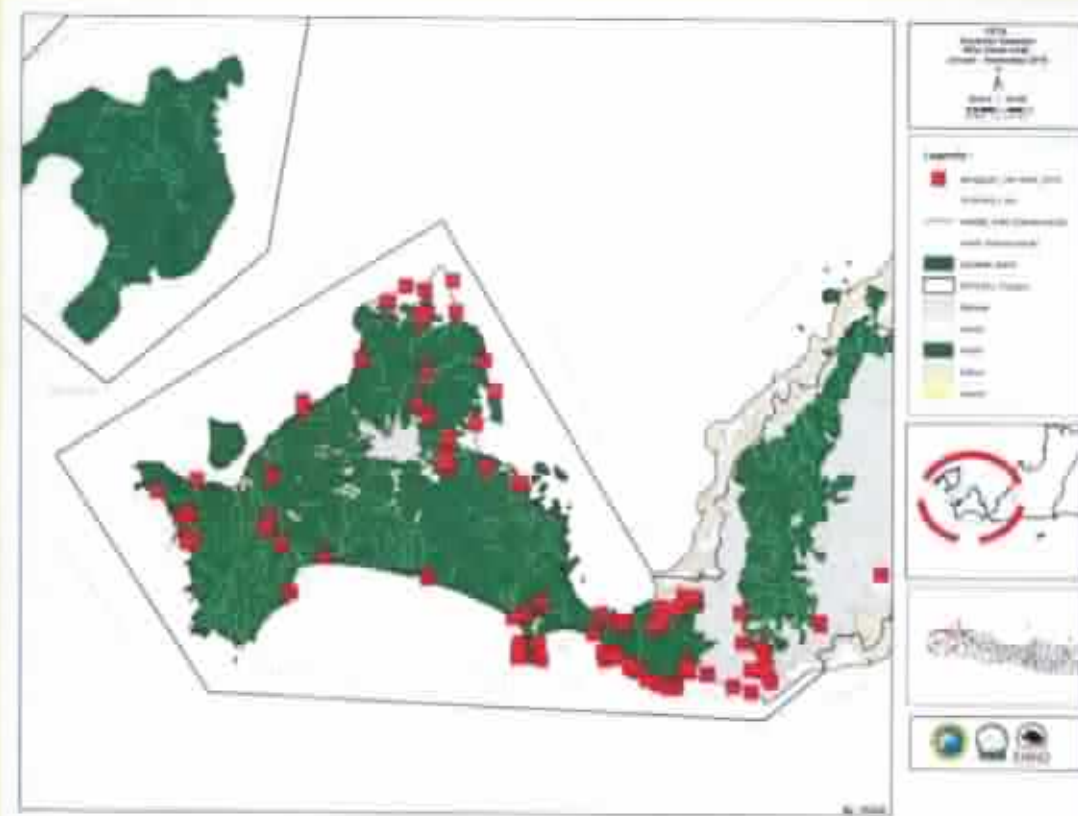
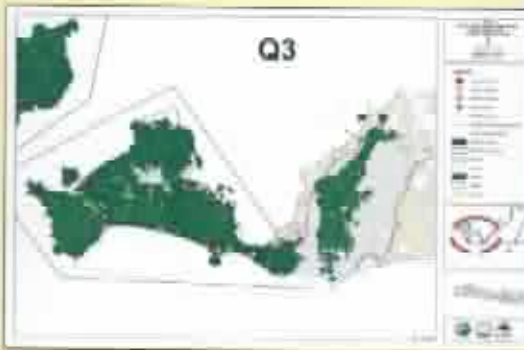
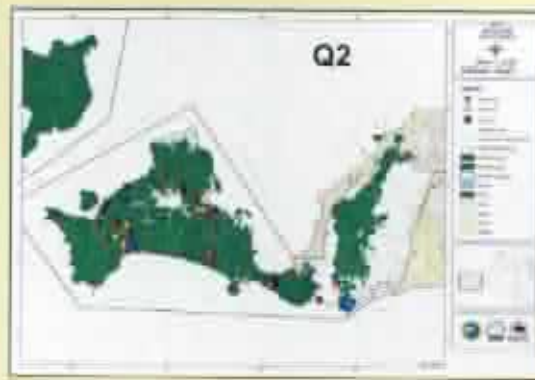
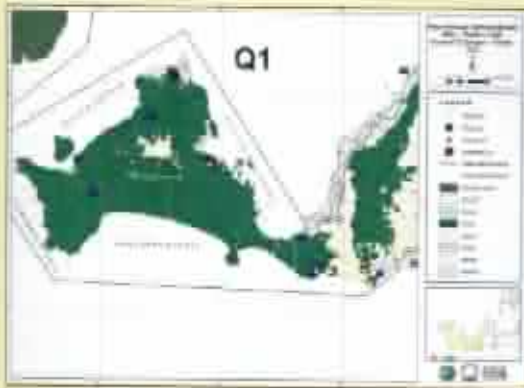


Tried to suppress a forest fire in block Gandir Bojod Legon Park

ACTIVITIES RPU

UJUNG KULON NATIONAL PARK

Rhino's Signs Encountered in UK-NP 2015



Taken photograph of a javan leopard



Thett Turtle



Direct sighting a rhino

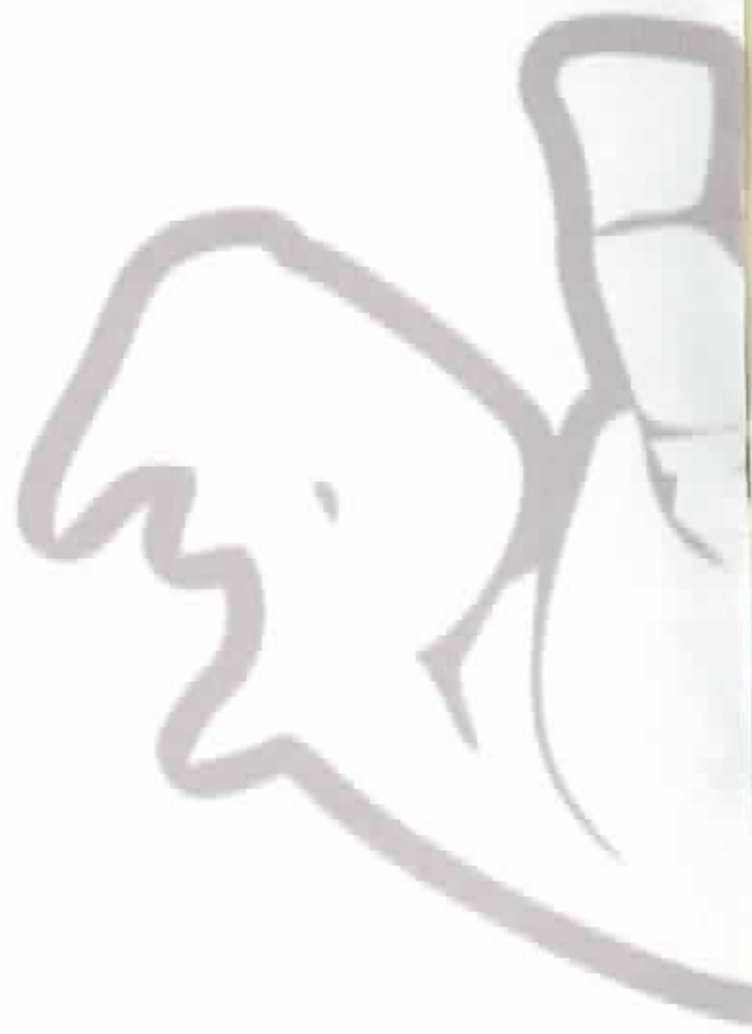


Detected a barge vessel

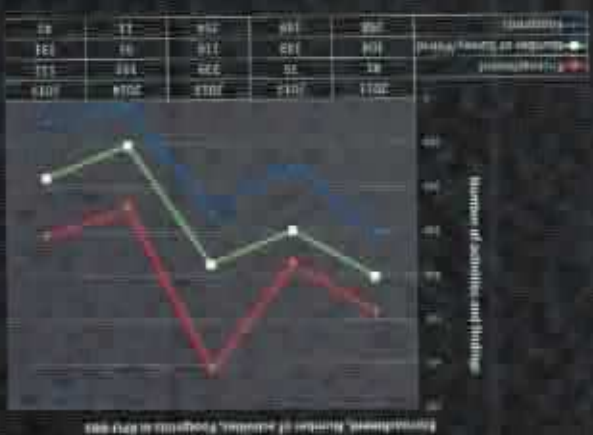


Tried to suppress a forest fire in block Gendit Resort Legon Pakis

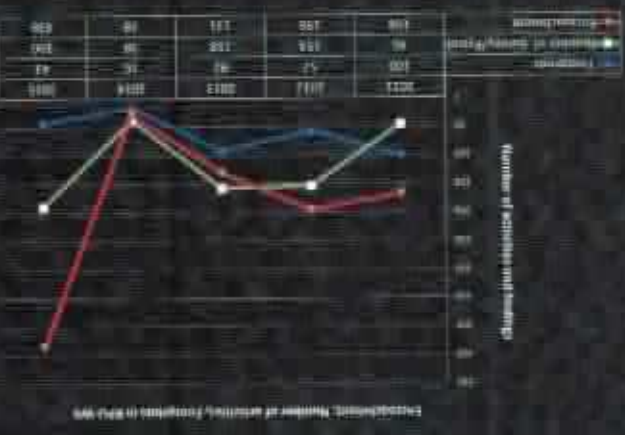
COMPARISON OF ACTIVITIES



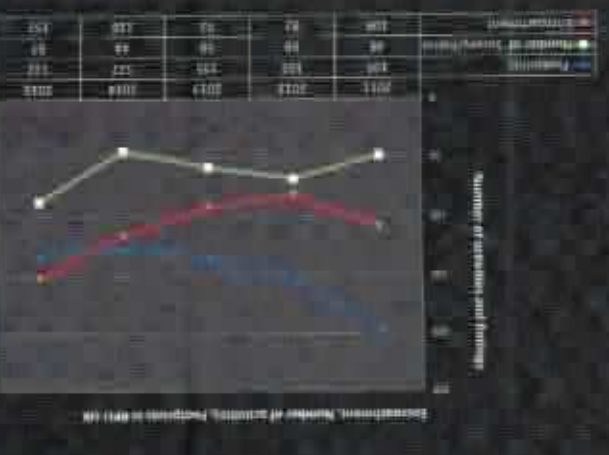
Comparison of Activities
RPU-BBS 2011-2015



Comparison of Activities
RPU-WK 2011-2015

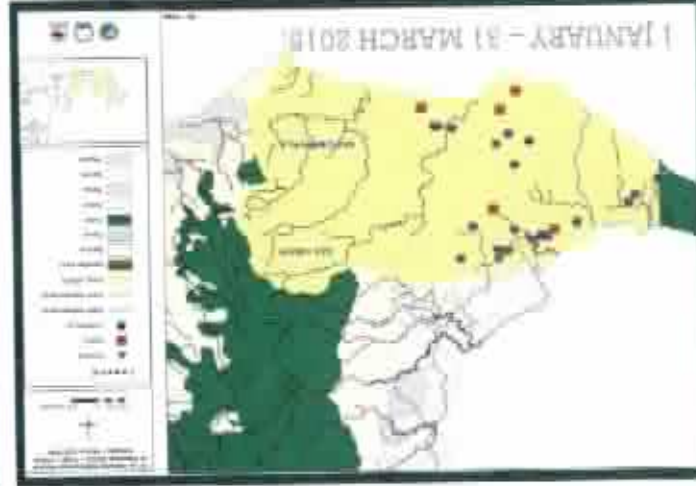
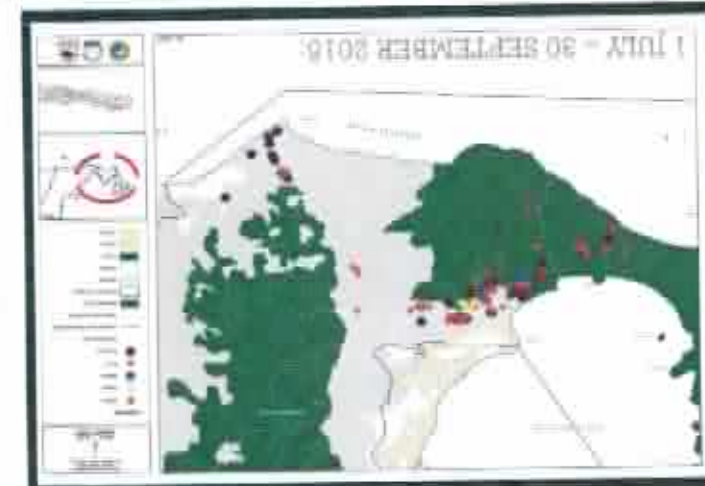
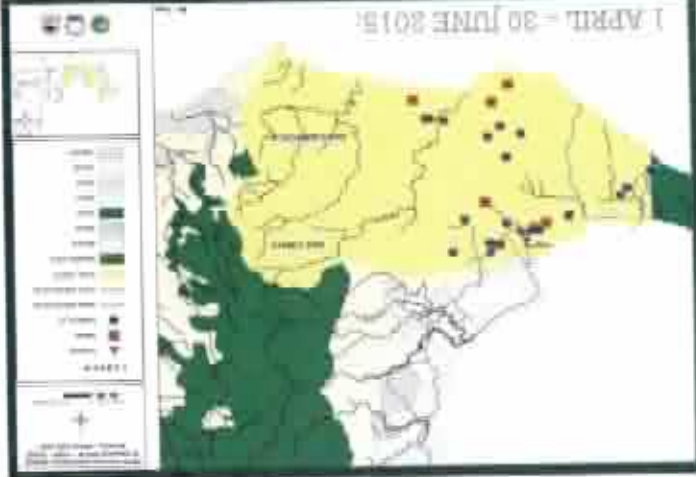
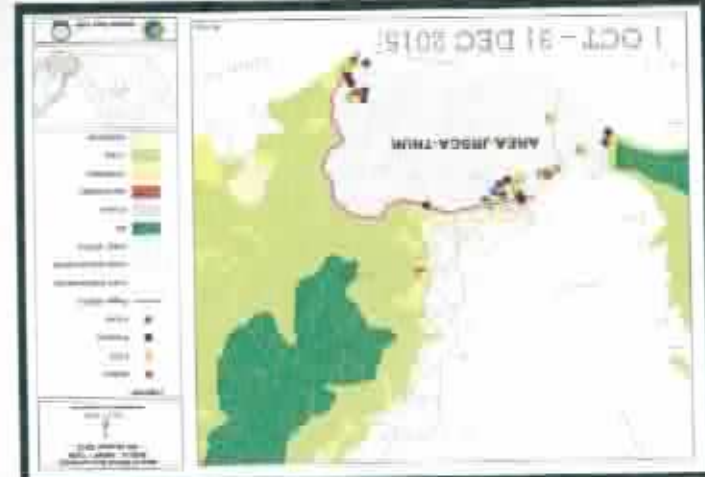


Activities RPU-UK





- JRSCA team is working by using schedule 5 days work and 5 days off, they had been improved their performance (field days per month per person) 11.17 in Q1 2015, 13.33 in Q2 2015, 17.47 in Q3 2015 and 16.73 in Q4 2015.
- Encountered 3 different size of rhino footprint which are permanently reside of 9 visiting individuals.
- Encountered 444 independent signs of rhino such as footprints, wallows, feedings, etc. With no direct sighting.
- Detected offences to cross fence along the Northern fence (Cilintang-Cimahi), such as: water buffalos grazing and non wood forest product harvesting etc.
- Whilst the repairment or maintenance of fence is continually undertaking, JRSCA team has to find an adequate program to solve this problems and the same time able to raise the local people income.



RHINO SIGNS ENCOUNTERED IN JRSQA 2015

Number of rhinos encountered in each of the JRSQA zones during 2015

JRSQA Zone	Forest (Green)	Forest (Yellow)	Forest (Light Green)	Forest (Light Yellow)	Forest (Light Green/Yellow)	Forest (Light Yellow/Green)	Other
Q1	0	0	0	0	0	0	0
Q2	1	0	0	0	0	0	11
Q3	0	0	0	0	0	0	2
Q4	0	0	0	0	0	0	3

ILLEGAL ACTIVITIES ENCOUNTERED IN JRSQA AREAS, DURING 2015

Number of rhino sightings encountered with rhino signs

JRSQA Zone	Forest (Green)	Forest (Yellow)	Forest (Light Green)	Forest (Light Yellow)	Forest (Light Green/Yellow)	Forest (Light Yellow/Green)	Other
Q1	0	0	0	0	0	0	0
Q2	0	0	0	0	0	0	0
Q3	0	0	0	0	0	0	0
Q4	0	0	0	0	0	0	0

ACHIEVEMENTS OF RHINO MONITORING IN JRSQA AREAS, DURING 2015

No.	Description	Q1	Q2	Q3	Q4
1.	Number of General Activities	2	10	9	4
2.	Number Patrol & Surveys	2	12	9	9
3.	Distance Walked (km)	155	913.84	688.12	1,890
4.	Distance Walked for Patrol & Surveys (km)	139	291.81	860.17	1,490
5.	Number of Field Days	26	400	301	303
6.	Number of Field Days for Patrol & Surveys	26	400	173	101
7.	Field Days Per-Terrain/Month	11.2	15.55	17.47	16.75

VIDEO TRAP RESULTS IN JRSCA 2014

(30-07-2014)



(27-08-2014)



Opening by Mr Bambang Dahono Dir KKH, 6-8 May 2015 at Mangala and TWIN PLAZA, Jakarta



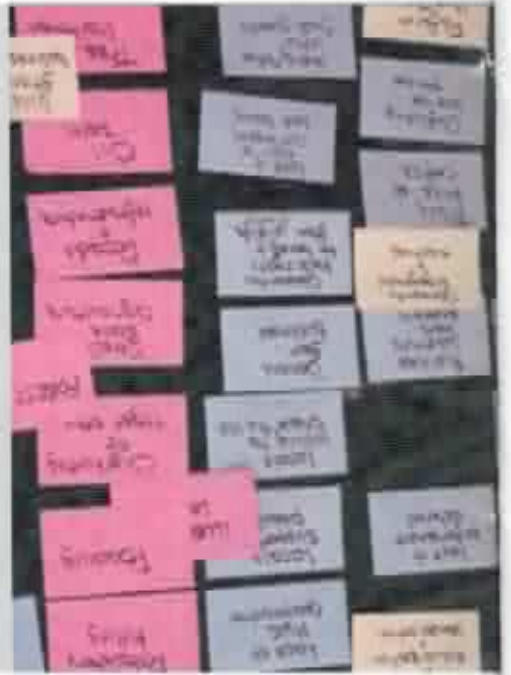
STAKE HOLDERS MEETING (RHINO AND TIGER SUMATRAN)



Opening by Mr. Bambang W (Seiditjen PHKA) at Safari Park on 11-18 February 2015



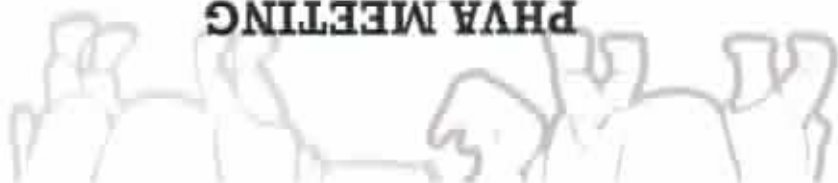
Opening by Mr. Bambang W (Seiditjen PHKA) at Safari Park on 11-18 February 2015



Opening by Mr. Bambang W (Seiditjen PHKA) at Safari Park on 11-18 February 2015



PHVA MEETING



WORKSHOP

EVENT : WORLD RHINO DAY 2015

World Rhino Day Celebration 2015 in Bunderan (Circle) of Hotel Indonesia during car free day



World Rhino Day Celebration 2015 in BBS National Park was held on 20 September in West Lampung to coincide with commemoration of 24th anniversary West Lampung District.

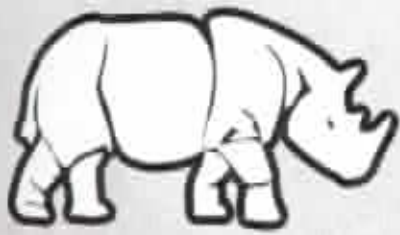


World Rhino Day celebrations 2015 was held on 27 September in Ujung Kulon National Park

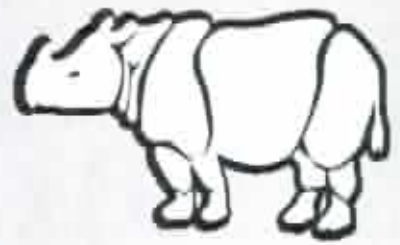


BAKI LINTA PUSPA & SATWA NASIONAL 2015





TRAINING AND REFRESHMENT RPU 2015 IN HANDELEUM ISLAND



On 18 - 20 November 2015 at Pulau Handelem Ujung Kulon National Park, YABI held training and refreshment for Rhino Protection Unit (RPU) 2015. This activity was supported by the Tropical Forest Conservation Action Program (TFCAP), WWF Indonesia and Ujung Kulon National Park. Total participants are 88 persons consisted of almost all members of RPU from Way Kambas, Bukit Barisan Selatan, Ujung Kulon National Park and JRSCA, also Headquarter Bogor.

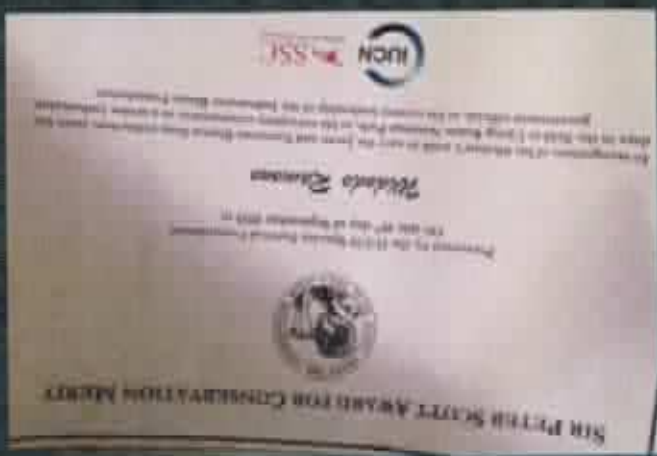
Mr. Effendy A. Sumardja as one of member the Board of Trustees YABI, the Head of Ujung Kulon National Park, and WWF Indonesian Program Manager also attended the event. They give a speech and material to all participants of the training.

Training and refreshment RPU was opened by Dr. Moh Haryono as the Head of Ujung Kulon National Park followed by a speech from Mr. Effendy A. Sumardja as Board of Trustee YABI, and referrals of Mr. Widodo Ramono as Executive Director of YABI.

Before start of material which will be divided into several sessions, committee conducted a pre-test to all participants. The purpose of the pre-test is to determine level knowledge of all participants on several questions relating to RPU work over this years. Each question also relates to material that will be delivered by material trainer.


The training and refreshment RPU activities expected can provide a new motivation and encourage responsibilities for each member of the RPU in their duties.





Mr Widodo Ramono

In recognition of his lifetime's work to save the Javan and Sumatran Rhinos from extinction, from his days in the field in Ujung Kulon National Park, to his exemplary commitment as a senior Indonesian government official, to his current leadership of the Indonesian Rhino Foundation



Project Title:

Protection of the key species Sumatran Tiger (*Panthera tigris sumatrae*), Sumatran Rhino (*Dicerorhinus sumatrensis*) dan Sumatran Elephant (*Elephas maximus sumatrensis*) in Bukit Barisan Selatan National Park dan Javan Rhino (*Rhinoceros sondaicus*) in Ujung Kulon National Park.

Grant : 1.650.000.000,00 (IDR)
Donor : WWF Indonesia
Project Duration : June 2015–July 2016 (1 year)

- **Program Planning, Coordination and Evaluation.**
- **Training and Tactical Patrolling.**
- **Intelligence.**
- **Post Crime.**
- **Community Awareness.**



Conserving the Bukit Barisan Selatan National Park as a UN World Heritage Site in Sumatera

• Consortium: YABI, WWF IP, and WCS IP.

International Climate Initiative (ICI) of the German Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMU) through the German Development Bank (KfW Entwicklungsbank).

- Establishment and implementation of IPZ
- Establishment and implementation of HMZ
- Trans-locate rhinos to the IMZ
- Community Engagement
- Policy framework and scaling up
- Adaptive management



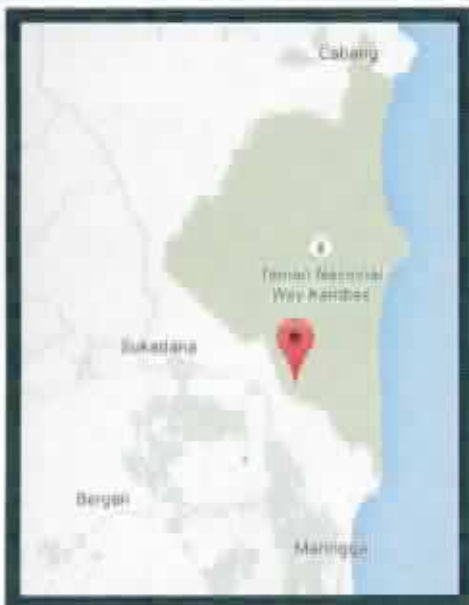
Tropical Forest Action Sumatera (TFCA) - Species



- Saving the forests along with the habitat of the Sumatran rhino and tiger in **Bukit Barisan Selatan National Park**. Consortium of YABI, WWF Indonesia, WCS Indonesia.

Grant Total: US\$2,948,836 (5 years)

1. Policy based intervention (advocacy level local and national government, advocacy level provinces and regions)
2. Landscape based intervention (HCV study, biodiversity surveys, camera trap, fecal DNA analysis, wildlife intelligence, IMZ, Disease surveillance, patrol protection, etc).
3. Community based intervention (human-wildlife conflict, awareness, alternative livelihood, community based patrol, utility of new and sustainable energy, etc).



- Community based population protection and habitat of the Sumatran rhino and tiger in landscape of Way Kambas National Park. Consortium of YABI, PKHS, YAPEKA.

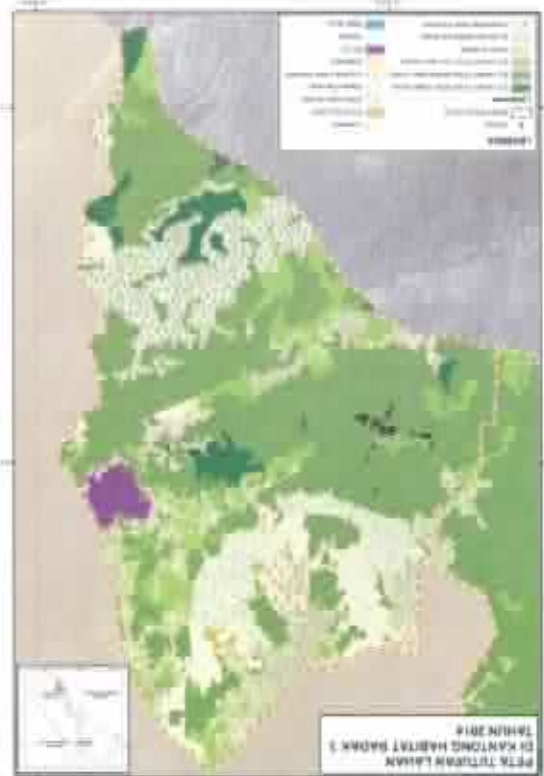
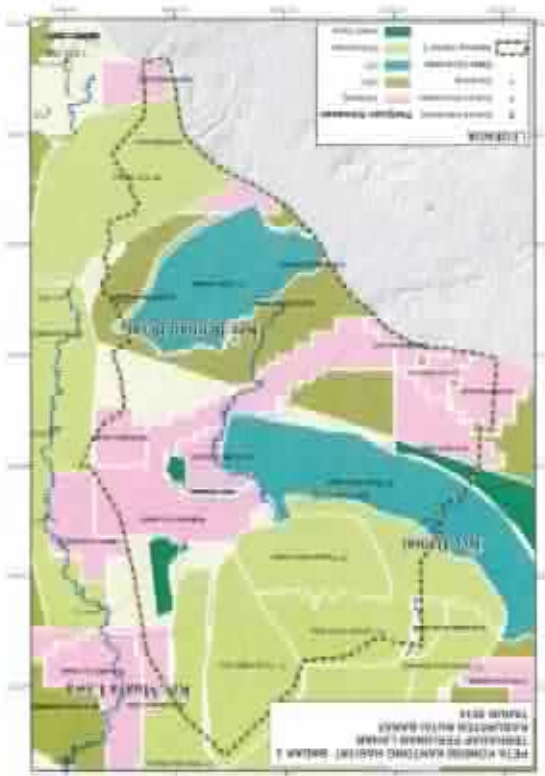
Grant Total: IDR-43.989.000.000 (5 years).

1. Protection and saving habitat and population.
2. Population survey and monitoring of Sumatran tiger in WKNP.
3. Community empowerment for population and habitat protection of Sumatran rhino and tiger.



Ensuring the survival of Sumatran rhinos by extension and development of the SRS as Center of Excellence of the Sumatran rhinos

- Grant Total: IDR 51,369,140,000 (3 years)
- 1. Deployment of 3 unit of RPU as immediate action in saving the Sumatran rhinos in Kalimantan.
- 2. Rescue (translocation) of at least 3 individual of Sumatran rhino from Kantong 3 to H.L.K.L (Hutan Lindung Kellian Lestari) region through development of Borneo Rhino Sanctuary, along with the implementation of habitat management on that locations.
- 3. To continue survey and monitoring of the Sumatran rhino in Kantong 1.
- 4. Policy supports for exchange status and determination of area management of BRS in H.L.K.L region, including facility development of Trust-Fund for Sumatran Rhino in Kalimantan.



Sumatran Rhino Rescue in Kalimantan and Landscape Management of Heart of Borneo (HoB) in West Kutai and Mahakam Ulu, East Kalimantan.

FINANCIAL PERFORMANCE 2014

Financial Position 2014

Asset

Current Assets	388,407
Non-Current Assets	104,127
Total Assets :	492,533 *
Liabilities	41,751
Net Assets	450,782
Total Liabilities & Net Assets :	492,533 *

Statement of Activities 2014

Contribution

Grants and Contribution	1,015,789
Total Revenue	1,015,789

Cost Incurred

- Programs *	
* Head Quarter	84,971
* RPU BBS NP	185,134
* ILEU BBS NP	36,587
* RPU WK NP	117,234
* RPU UK NP	89,936
* SRS WK NP	173,734
* JRSCA	76,723
- Special Activities	228,217
Total Costs Incurred :	1,004,816

Other Income (Expenses)

- Others Income	2,054
- Others Expenses	(2,704)
Total Other Income (Expenses) :	650
Excess Of Contribution Over Costs Incurred :	10,972 *
Net Assets At The Beginning Of The Year	440,790
Net Assets At The End Of The Year :	451,762 *

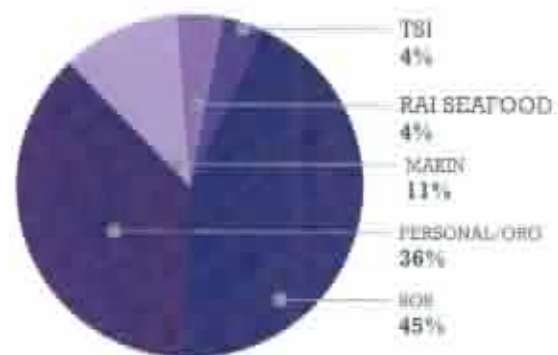
Budget Plan 2015

Description	Budget	Available	Unavailable
- HQ/Secretariat	113,578	98,700	14,875
- RPU BBS NP	275,575	239,634	35,945
- ILEU BBS NP	36,581	27,896	8,684
- RPU WK NP	133,032	133,071	(39)
- RPU UK NP	114,234	99,134	14,999
- SRS WK NP	208,809	182,926	27,879
PROJECT			
* JRSCA	76,321	66,366	9,955
* TFCA	188,962	188,562	-
TOTAL	1,176,092	1,046,454	131,639

Grants & Contribution 2014



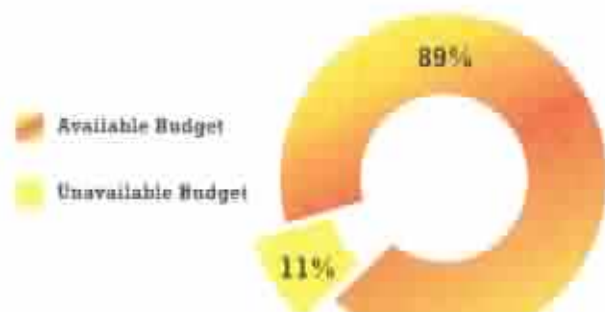
Other Donations 2014



Budget Realization 2014



■ ILEU BBS NP ■ JRSCA ■ Head Quarter
 ■ RPU UK NP ■ RPU WK NP ■ SRS WK NP
 ■ RPU BBS NP ■ Special Activities ■ TFCA



Financial Position 2015

Asset	2015	2014
Current Asset	206,180	146,008
Non-Current Asset	112,218	1
Total Asset	318,398	146,009
Liability	152,948	1
Net Asset	165,450	146,008
Total Liabilities & Net Asset	322,348	146,009

Statement of Activities 2015

Contribution	206,843	206,843
Total Revenue	796,843	796,843
Cost Incurred		
Programs	80,538	
Head Quarter	202,053	
RPU DBS NP	44,423	
RPL WK NP	153,467	
RPL UK NP	85,233	
RRS WK NP	101,222	
TRPCA	91,376	
Special Activities	28,911	
Total (Costs Incurred)	798,007	
Other Income (Expenses)		
Other Income	1,694	
Other Expenses	(2,475)	
Total Other Income (Expenses)	(881)	
Impact of Exchange Rate Fluctuation	1,000	
Net Assets At The Beginning Of The Year	351,283	
Net Assets At The End Of The Year	352,348	

Budget Plan 2016

Description	Budget	Available	Unavailable
TRPCA	13,212	14,857	1,645
RPU DBS NP	201,221	129,451	71,770
RPL WK NP	176,494	79,044	97,450
RPL UK NP	196,963	107,446	89,517
RRS WK NP	230,702	191,919	38,783
PROJECT	41,259	22,378	18,881
TRPCA	46,920	46,920	0
TOTAL	1,006,269	661,931	344,338

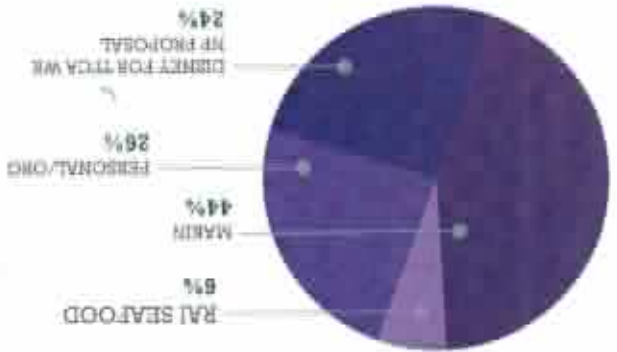
Currents 1 Dec = Rp. 12,500,-



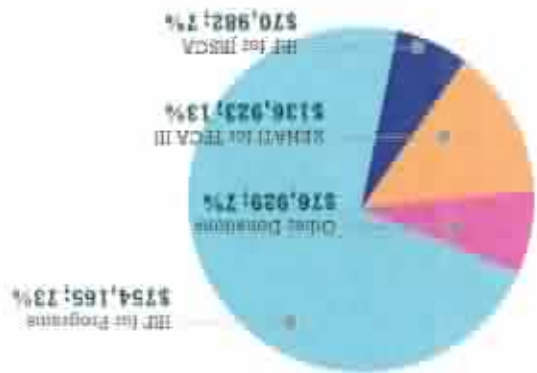
* Special Activities
 * Head Quarter
 * TRCA
 * RPU DBS NP
 * RPL UK NP
 * RRS WK NP
 * TRPCA
 * RPU DBS NP
 * RPL UK NP
 * RRS WK NP
 * TRPCA



Budget Realization 2015



Other Donations 2015



Grants & Contribution 2015

No. R-001/FAGP/2016

No. R-001/FAGP/2016

Yayasan Badak Indonesia (YABI)
Rhino Foundation of Indonesia (RFI)

Yayasan Badak Indonesia (YABI)
Rhino Foundation of Indonesia (RFI)

LAPORAN AUDITOR INDEPENDEN

INDEPENDENT AUDITOR'S REPORT

Kami telah mengaudit laporan keuangan Yayasan Badak Indonesia (YABI) Rhino Foundation of Indonesia (RFI) per 31 Desember 2014 dan 2013, Laporan Aktifitas dan Laporan Arus Kas untuk tahun yang berakhir pada tanggal tersebut dan suatu ikhtisar kebijakan akuntansi signifikan dan informasi penjelasan lainnya.

We have audited the financial statements of Yayasan Badak Indonesia (YABI/Rhino Foundation of Indonesia (RFI)) as of December 31, 2014 and 2013, Statements of Activities and Statement of Cash Flow for the year then ended and a summary of significant accounting policies and other explanatory information.

Tanggung jawab manajemen atas laporan keuangan

Management's responsibility for the financial statements

Manajemen bertanggung jawab atas penyusunan dan penyajian wajar laporan keuangan ini sesuai dengan Standar Akuntansi Keuangan Entitas Tanpa Akuntabilitas Publik, dan atas pengendalian internal yang dianggap perlu oleh manajemen untuk memungkinkan penyusunan laporan keuangan yang bebas dari kesalahan penyajian material, baik yang disebabkan oleh kecurangan maupun kesalahan.

Management is responsible for the preparation and fair presentation of these financial statements in accordance with Financial Accounting Standard for Non-Publicly Accountable Entities, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Tanggung jawab Auditor

Auditor's responsibility

Tanggung jawab kami adalah untuk menyatakan suatu opini atas laporan keuangan ini berdasarkan audit kami. Kami melaksanakan audit kami berdasarkan Standar Audit yang ditetapkan oleh Institut Akuntan Publik Indonesia. Standar tersebut mengharuskan kami untuk mematuhi ketentuan etika serta melaksanakan dan melaksanakan audit untuk memperoleh keyakinan memadai tentang apakah laporan keuangan bebas dari kesalahan penyajian material.

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with Standards on Auditing established by the Indonesian Institute of Certified Public Accountants. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

Suatu audit melibatkan pelaksanaan prosedur untuk memperoleh bukti audit tentang kewajaran dan pengungkapan dalam laporan keuangan. Prosedur yang dipilih bergantung pada pertimbangan auditor termasuk penilaian atas risiko kesalahan penyajian material dalam laporan keuangan, baik yang disebabkan oleh kecurangan maupun kesalahan. Dalam melakukan penilaian risiko tersebut, auditor mempertimbangkan pengendalian internal yang relevan dengan penyusunan dan penyajian wajar laporan keuangan entitas untuk merancang prosedur audit yang tepat sesuai dengan kondisinya, tetapi bukan untuk tujuan menyatakan opini atas efektivitas pengendalian internal entitas. Suatu audit juga mencakup pengevaluasian atas ketepatan kebijakan akuntansi yang digunakan dan kewajaran estimasi akuntansi yang dibuat oleh manajemen, serta pengevaluasian atas penyajian laporan keuangan secara keseluruhan.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal controls relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal controls. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

Kami yakin bahwa bukti audit yang telah kami peroleh cukup untuk dapat kita nyatakan suatu basis bagi opini kami.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opini

Opinion

Meskipun opini kami, laporan keuangan tersebut menyajikan secara wajar dalam seluruh hal yang material, posisi keuangan Yayasan Badak Indonesia (YABI) Rhino Foundation of Indonesia (RFI) per tanggal 31 Desember 2014 dan 2013, kinerja keuangan, serta arus kas untuk tahun yang berakhir pada tanggal-tanggal tersebut, sesuai dengan Standar Akuntansi Keuangan Entitas Tanpa Akuntabilitas Publik.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of Yayasan Badak Indonesia (YABI) Rhino Foundation of Indonesia (RFI) per tanggal 31 Desember 2014 dan 2013, the financial performance, and its cash flows for the year then ended, in accordance with Financial Accounting Standard for Non-Publicly Accountable Entities.

Public Accountant Firm
Gatot Permadi, Azwir & Ahmail
Lisensi No. NIKMA 1/2013



Drs. Gatot Permadi, Azwir, Ak, MM, CPA
Managing Partner
Registered Public Accountants No. AP 5401

February 1, 2016

Dear Board Members and valued readers,

This year is very encouraging for the Yayasan as it continues and hard work for almost two decades in saying rhino in Indonesia, has been recognized by worldwide, as various awards has been awarded from national and international organization. This prompted the Yayasan to work harder in the future to help save the Sumatran and Javan rhinoceros from their brink of extinction.

As many as 29 RPL personnel of YABI officially have been employed as civil servants (Calin Pegawai Negeri Sipil) in the Ministry of Forestry in 2014. We all congratulate and wish them to have a successful career in their new position and appreciated so much for their dedication all these years for the rhino conservation. A recruiting event has been held to fulfill the position they left in the RPLs.

Despite of the cancellation of support pledged by the Government of Australia, aside from the International Rhino Foundation as the main funding support, some international and national organizations provided funding support for long and short term programs for the Yayasan to help save endangered rhinoceros in Indonesia. The Save Our Species (SOS), a global coalition initiated by the 3 founding partners IUCN, GEF and World Bank, had supported the protection program for the Sumatran rhino in Way Kambas and Bukit Barisan National Park and Javan rhino in Ujung Kulon National Park. WWF Tiger Alliance Initiatives (TAI) through WWF Indonesia had supported the patrol protection of the key species in Bukit Barisan Selatan National Park. WWF Indonesia had supported Javan rhino's fecal DNA collection in Ujung Kulon National Park. IBSWS - RCTT had supported integrated protection program of rhinos and elephant in Bukit Barisan Selatan National Park and TFCA-Sumatera.

In 2013, WWF Indonesia continued to support YABI to protect the key species Sumatran tiger, rhino and elephant in Bukit Barisan Selatan National Park and Javan rhino in Ujung Kulon National Park. Meeting and discussions also conducted during the year to prepare upcoming projects supported by TFCA-Sumatera and Kalimantan, and together with WCS and WWF, YABI preparing 6 years program supported by BLMR (German Ministry for the Environment, Nature Conservation, Nuclear Energy and Construction) as part of International Climate Initiative (ICI) through the KfW for the conservation of BRSNP and its habitat as home for Sumatran rhino, tiger and elephant.

From the SRS, the rhino mother "Ratu" is pregnant for her second baby after mating with Andalas in January. Ratu is expected to give birth in May 2016. In this year also the last of Sumatran rhino in the U.S. has moved to Indonesia. The young male rhino "Harapan" has arrived in Indonesia on Sunday, 1st November 2015 after travelling almost 10,000 miles over land, air and sea from Ohio Zoo where he was born. The rhino has been quarantined in the Sumatran Rhino Sanctuary, Way Kambas National Park and under surveillance of the veterinarian from the Balai Besar Karantina Perharian Soekarno - Hatta for 14 days and its has been declared as healthy animal followed his health examination by the vet. Harapan's arrival and Ratu's pregnancy at the Sanctuary gives new hope for the future survival of Sumatran rhinos.

The last but not least, YABI appreciate very much for the continued administrative support from FHKA (now RSDAE) and National Park Authorities, main funding support from IRI, Asian Rhino Program, WWF, Eijkman Institute, Aaranyak Foundation - India, UNILA, MAIN and also appreciate smaller donations from private supporters such as Lampung Shrimp Farmers Community, as well as from visitors to the SRS.

With best regards,
Widodo S. Ramono



SUMATRAN RHINO SANCTUARY

WAY KAMBAS NATIONAL PARK

2014 OVERVIEW

All rhinos in the Sumatran Rhino Sanctuary (SRS) are all in good and healthy condition during 2014 except Andalas, he got health problem (eye infection and gastrointestinal disorder) since mid of January and Feb 2014 Andalas got surgery for normalization of the right eye. And now, everything looks good post surgery procedure, his eye become normal with a bit spot on the middle of the right eye and his vision also getting better.

The foot pad that the thickened skin and blister that occurred from the hot surface during dry season are now peeled off, exposing softer new skin beneath it. Although all of the rhinos have this condition, but did not influencing their locomotion and foot movements, and their dally activities such as browsing, walking, foraging and wallowing are normal. (Source SRS-YABI Report 2014)



On Jan 15 paired with Bina and did fighting (hard courtship) there, before release to his paddock, we was check the condition (including eye and not found anything abnormally. The right eye of Andalus discovered after he paired with Bina, but the next day on early in the morning, the right eye of Andalus discovered swallowed (white spot) and watery discharged from the eye. He has loss vision (with no response) but no found inflammation, just right eye got problem and left eye still normal. His behavior looks normal.

The eyeball was full covered by this white lesion, but after ZnSO4 and Garamycin administered to the eye, the white lesion became smaller (mainly for the last two days). In this time, Andalus is doing fine, no uncomfortable sign discovered due to his eye. The first we just thinking this problem as usual case (often our rhino got cloudy on the eye after exposure by sun and become normal after 2 week treatment). Eye topical antibiotic ointment - Chloramphenicol and Zinc Sulfate solution (as usual) had been applied that show some progress of healing. Zinc Sulfate solution was stop since February 10 after eye getting worse and change with Ofloxacin (Tarvit) eye solution. It might be a symptom of insect bite, scorpion sting or snake poison or very superficial wound after fight with Bina or stabbed by broken branches in the forest and secondary infection by forest bacterial.

In the same time, Andalus got gastrointestinal disorder with clinical signs watery fecal (stool) and bloat.

Diagnose: Cornea abscess (infection) and Uveitis (secondary infection)

The problem is affecting Andalus' cornea. The cornea is the clear 'window' at the front of the eyeball. The lesion looks like a 'corneal stromal abscess'. A corneal stromal abscess is an infection that produces pus which accumulates inside the cornea. This pus is the white mass that you can see in the front of the eye. An active corneal stromal abscess usually causes a secondary inflammation of the eye (uveitis) which is painful and causes the patient to hold the eye a little bit closed and also to produce watery discharge from the eye.

Corneal stromal abscesses can be due to bacterial infection but more commonly are due to fungus infection (especially in tropical areas). If medicine does not cure this problem then the next step is surgery on the cornea to remove the pus. On Feb 18, 2014

Culture Result: Andalus eye positive Staphylococcus epidermidis and Negative fungal

Andalus's eye surgery on March 1, 2014

Surgery team:

1. Dr. Dedi Candra (SR5 YABI Veterinarian)
2. Dr. Benj Bryant (Advisor from Taronga Western Plains Zoo Australia)
3. Dr. Allison Hoffman (Ophthalmologist from Eye Care For Animal, Pasadena America)
4. Dr. Walter Burnham (Human Doctor - Dr. Allison's husband)
5. Dr. Bongkot (Jaman Safar Indonesia Veterinarian)
6. Dr. M. Agri (IPB Veterinarian)
7. Widodo Ramono (Executive Director YABI)



Part abscess / wound cleaned, in the paste with the conjunctiva of the eye part Andalus own, and in sewing and given contact lenses and finally eyelids sewn portion that is not too open and because it is not possible to close the eyes with bandages/other tools.

Andalus Progress: Overall he looks good and still comfortable with any treatment. Andalus right eye becomes normal. No inflammation, better vision, conjunctiva graph has smaller, contact lens still there and Tarsorrhaphy was removed.

Continue Regular Monitoring and Inspections

- All rhinos in the facility are in good condition, no health problem occurred.
- Their daily activities such as browsing, walking, foraging and wallowing are normal.
- Regular health monitoring, daily physical check, monthly blood check and weekly fecal sample check for parasites were conducted. All rhinos are in good condition with normal activities.
- Body temperature ranges between 36.5° C–37.4° C.

Health problems

- Bina that infested with endoparasitic worm (strongyle) were observed and treated with Ivermectin on March.



Picture 1 : Endoparasite larva that found on Bina fecal sample after she suffers a watery diarrhea on March 11th 2015.

Picture 2 : Bina receiving treatment with Ivermectin orally from veterinarian.

Picture 3 : Bina resting after morning treatment, with few minor wounds around her horns after pairing with Andalas.

August, fecal and urine examination were conducted regularly every week. Commensal protozoa was observed on all samples and two rhinos observed to have paramphistomum eggs. All of the rhinos were treated with de-wormer tablet to prevent infection.



Progress of Ratu's 2nd Pregnancy

- Successful Breeding, Andalas and Ratu is mating on 22nd of January.
- Successful copulation, Ratu's pregnancy was confirmed and started to receive hormone supplement (altrenogest) for pregnancy maintenance on February.
- Ratu's pregnancy was observed to be healthy in March, the embryo alive and did not show any abnormality.
- April is on her 70th day of pregnancy. The result shows that the embryo has heartbeats, and umbilical cord exists.
- Pregnancy check performed on 20th of May showed an image of the foetus' head.
- June on her 147th day of pregnancy. Only embryo movements and ribs images that could be captured.
- Pregnancy - Ultrasound on July images of Ratu's baby left front foot.
- The baby's heart observed to beat normally and it moves normal and very active.
- September the fetus moved normally and very active shows the baby is in good condition. Ultrasound examination has been conducted once a week.



RATU

ARTI ADOPTION PROGRAM

Successful Breeding Andalas and Ratu is mating on 22nd of January.

Ratu's embryo pouch on her right ovary horn
Ratu's embryo with umbilical cord in her right ovary horn

Ratu Pregnancy ultrasound imaging shows embryo on day 70

Ratu Pregnancy ultrasound imaging shows embryo on day 78

Ultrasound image of Ratu's baby

Ratu Pregnancy ultrasound imaging shows embryo's ribs on day 117

July, Ultrasound image of Ratu's pregnancy shows baby's left front foot

August, Ratu baby's perital area shows heart of baby, ruler is 1 centimeter

September, Ratu's baby showing backbone of the baby

REPRODUCTION PROGRAM



BINA

- Natural Breeding attempts on Bina still not succeed.
- July 2015, attempt of Artificial Insemination was conducted to Bina not success. On the attempt of artificial insemination procedure, it was found that the cervix is not ready yet to receive the procedure, and it cannot be penetrated by hand and after few attempts to do so and ended with same result, it was concluded that the AI procedure cannot be continued.
- September, Bina was detected has hemorrhage follicle with size 26mm on 9th of September 2015. The sign of estrus was unseen, vulva wasn't swollen and not reddish. The hemorrhage follicle also will affect Bina's estrus cycle. The cycle will be delayed because the production of progesterone will decrease.



ROSA



Rosa's follicle on 11th and 13th of July 2015 shows development

- Rosa's introduction with Andalus still not success.
- July '15, natural Breeding Attempts also conducted between Rosa and Andalus.
- September, the USG examination and we seen that the dominant follicle wasn't ovulated on Rosa last cycle. The dominant follicle still on the same position and become a hemorrhage follicle. It will affect the estrus cycle. The size was reduced become 3.5 cm in diameter. The cycle will be delayed because the production of



Making dormitory expansion

Making the quarantine stall for Sumatran rhino 'Harapan'



NEW CONSERVATION IN SUMATRAN RHINO SANCTUARY

WELCOME HOME HARAPAN

Harapan arrived safe and sound in the SRS on 2nd November at 02.30 a.m. Following his 60 hours journey.



First local browse for Harapan, early morning of 2nd Nov '16



HANDOVER of HARAPAN

- On 5th Nov '15 – Handover of rhino 'Harapan' from the Government of United State of America (represented by USA Consul for Sumatra), Mr. Robert Ewing, to the Government of Indonesia cq. the Ministry of Environment and Forestry (represented by the DG of KSDAE), Mr. Dr. Ir. Tachrir Fathony, Msc.
- At this occasion, the DG of KSDAE - Mr. Dr. Ir. Tachrir Fathony, MSc. announced that the areas within the WKNI¹ (known as Blok I) for about 9,437 ha has been declared (stated) in a letter of decree of DG KSDAE as a Sanctuary for Sumatran rhino.

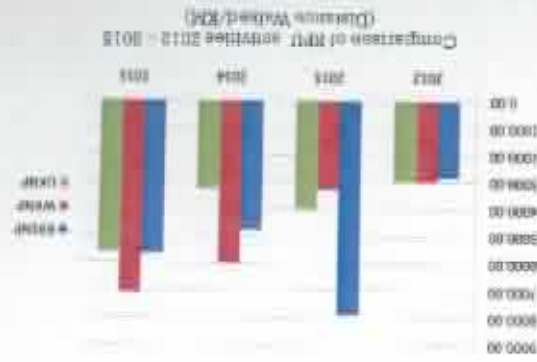
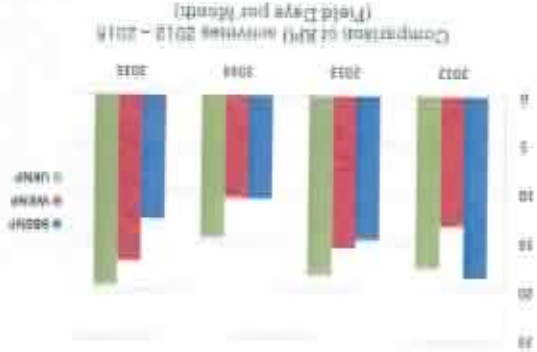
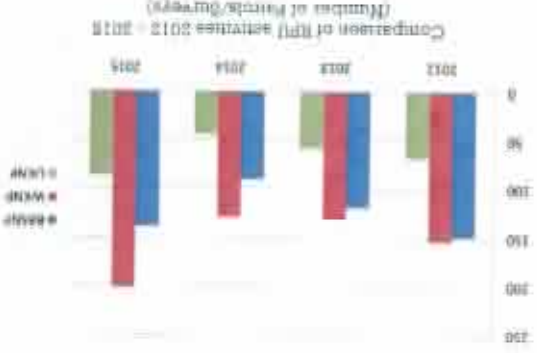


RHINO PROTECTION UNITS

Intensive patrolling of areas to detect and destroy traps, interdict intruders and arrest suspected poachers, Take actions against unauthorized utilization of natural resources in addition of rhino protection, Conduct intensive and extensive surveys and monitoring of the rhino population, Provide intelligence to assist in the apprehension of poachers



The rhino's habitat of YABSI provides protection from poaching & habitat disturbance for viable nucleus populations of Sumatran and Javan Rhinos through the establishment & operation of Rhino Protection Units (RPUs). YABSI had been operated to RPU's in and surrounding areas of Bukit Barisan Selatan (7 RPU's), Way Kambas (5 RPU's) and Ujung Kulon (4 RPU's) National Parks.



Rhino's Signs Encountered in BBS-NP 2015



Q2



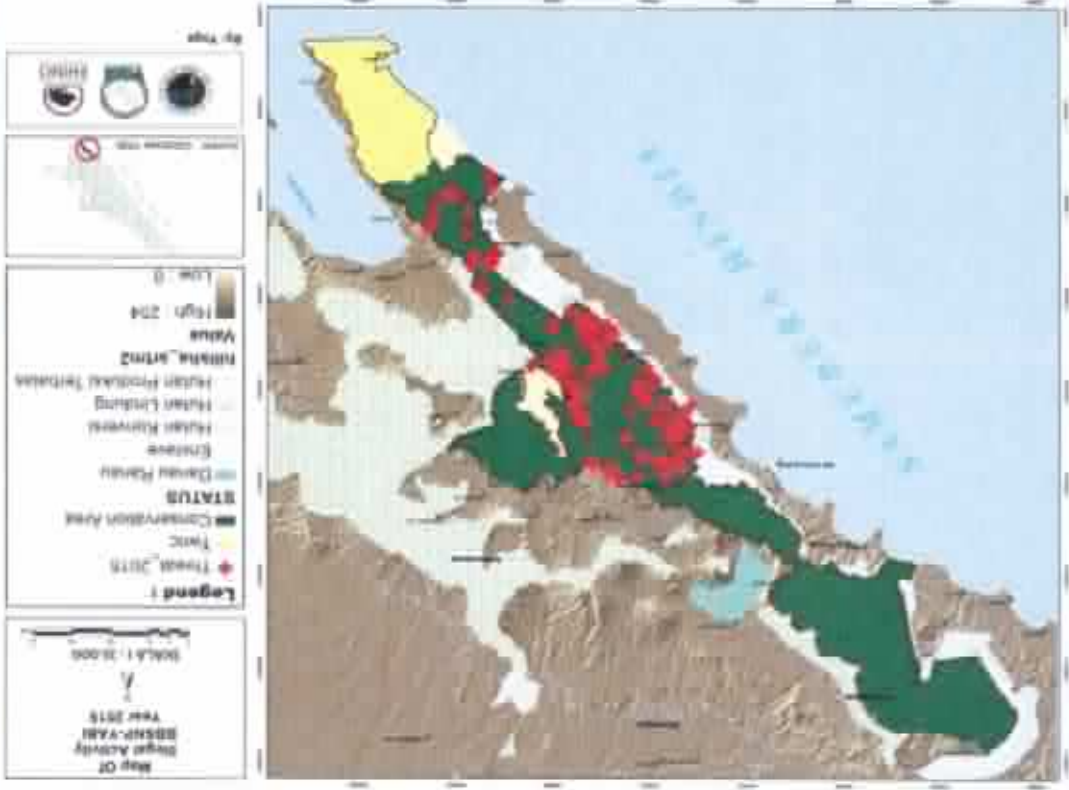
Q1



Q4



Q3



Encountered a dead hornbill



Tried to suppress a forest fire area in Lantehau



Inspected an illegal logging



Encountered a bird poacher



Encountered one of the park's elephant 'Yongky'



Encountered a deer near



Encountered an illegal logging/Merpa



Discovered an animal sign