

# The ICANN **Matrix**

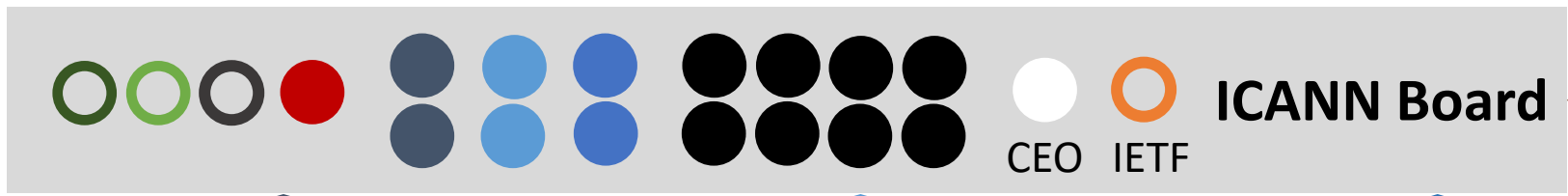
2024.07.09 | APIGA

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**Asian #InspirAsian**

1. 7. 5. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861. 862. 863. 864. 865. 866. 867. 868. 869. 870. 871. 872. 873. 874. 875. 876. 877. 878. 879. 880. 881. 882. 883. 884. 885. 886. 887. 888. 889. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 980. 981. 982. 983. 984. 985. 986. 987. 988. 989. 990. 991. 992. 993. 994. 995. 996. 997. 998. 999. 1000.

# ICANN Matrix



**RSSAC**  
Root Server System  
Advisory Committee

- Adding new gTLDs to root
- Name collisions (private use TLDs)
- Root Server System Governance

- Adding and Removing ccTLDs (and IDN ccTLDs)
- Root Server System Governance

- Reverse DNS (.in-addr.arpa)

**SSAC**  
Security & Stability  
Advisory Committee

- Internationalized Domain Names (IDNs) and IDN variants
- Name collisions (private use TLDs)
- DNS Abuse

- IDN ccTLDs

- AfriNIC and RIR Governance
- IPv6 deployment

**GAC**  
Government Advisory  
Committee

- Public Interest Commitments
- Closed Generic TLDs (e.g. .book)
- Applicant Support Program
- WHOIS and access to Reg. Data

- .UA (Ukraine) / .RU (Russia)
- .SU (Soviet Union)
- Deselection of ccTLDs

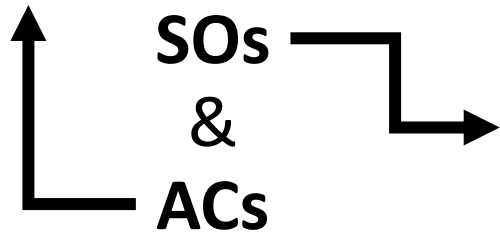
- Adding new gTLDs to root
- Name collisions (private use TLDs)
- Root Server System Governance

**ALAC**  
At-Large Advisory  
Committee

- Privacy, WHOIS and DNS Abuse
- User confusion in IDN/Collisions/etc.
- Applicant Support & Closed Generics
- Accountability Reviews & Sustainability

- Wider geopolitical and Internet Governance issues
- IDN and Universal Acceptance

- AfriNIC and RIR Governance
- Wider global Internet Governance issues



**GNSO**  
Generic Names Supporting  
Organization  
*e.g. .com / .asia / .kids / .网站*

**ccNSO**  
Country-Code Names  
Supporting Organization  
*e.g. .kr / .uk / .jp / .澳門*

**ASO**  
Address Supporting  
Organization  
*e.g. 123.4.5.6 / 2001:db8::2:1*

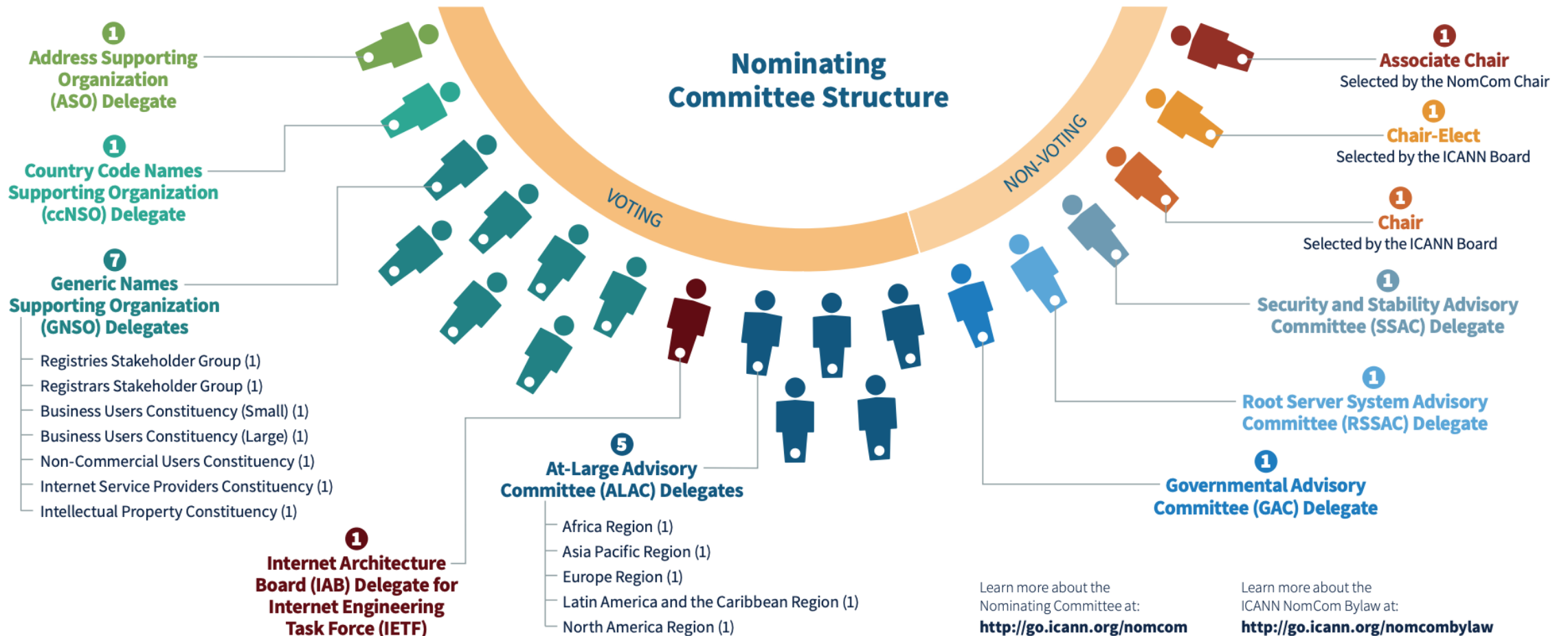
# GETTING TO KNOW THE NOMINATING COMMITTEE

## What does the Nominating Committee do?

The Nominating Committee (NomCom) is responsible for appointing a number of seats to the ICANN Board of Directors, the Public Technical Identifiers (PTI) Board, the At-Large Advisory Committee (ALAC), and the Councils of the Country Code Names Supporting Organization (ccNSO) and the Generic Names Supporting Organization (GNSO). NomCom delegates act only on behalf of the interests of the global Internet community and within the scope of the ICANN mission and responsibilities assigned to the NomCom by the ICANN Bylaws; they do not act in furtherance of the group that appointed them to the NomCom.

## How does the Nominating Committee operate?

The NomCom consists of 15 voting delegates along with a number of non-voting leaders, advisors, and delegates. Voting delegates serve one-year terms and can serve no more than two successive terms, after which two years must elapse before they are eligible to serve again.



# Narrow Scope of ICANN's Remit

- Stewardship for the **Technical Coordination**
  - Of the Internet's **Unique Identifier Systems**
  - To maintain the **Security and Stability** of
  - One **Standards-Based** and **Interoperable** Internet
  - Through a **Multistakeholder** Model
  - With a **Bottom-Up** and **Consensus-Based** Approach
  - For the **Global Public Interest**
- *\*My own interpretation combining the “keywords”*





# Global Public Interest

- 16330,750

- 6715,80

3,713 %

+

- 29748,09

4,801 %

4,141 %

1,626 %

31462,04

- 10653,67

1,568 %

- 655

1,760 %

- 27135,17

10272,69

+

2,473 %

- 15942,51535,65

- 8488,74

- 17786,46

2,327 %

- 25257,23

2,11 %

- 3649,89

5,248,53 %

31674

24158,26

+

3,686 %

4,833 %

0,6 %



# Multilateral Model:

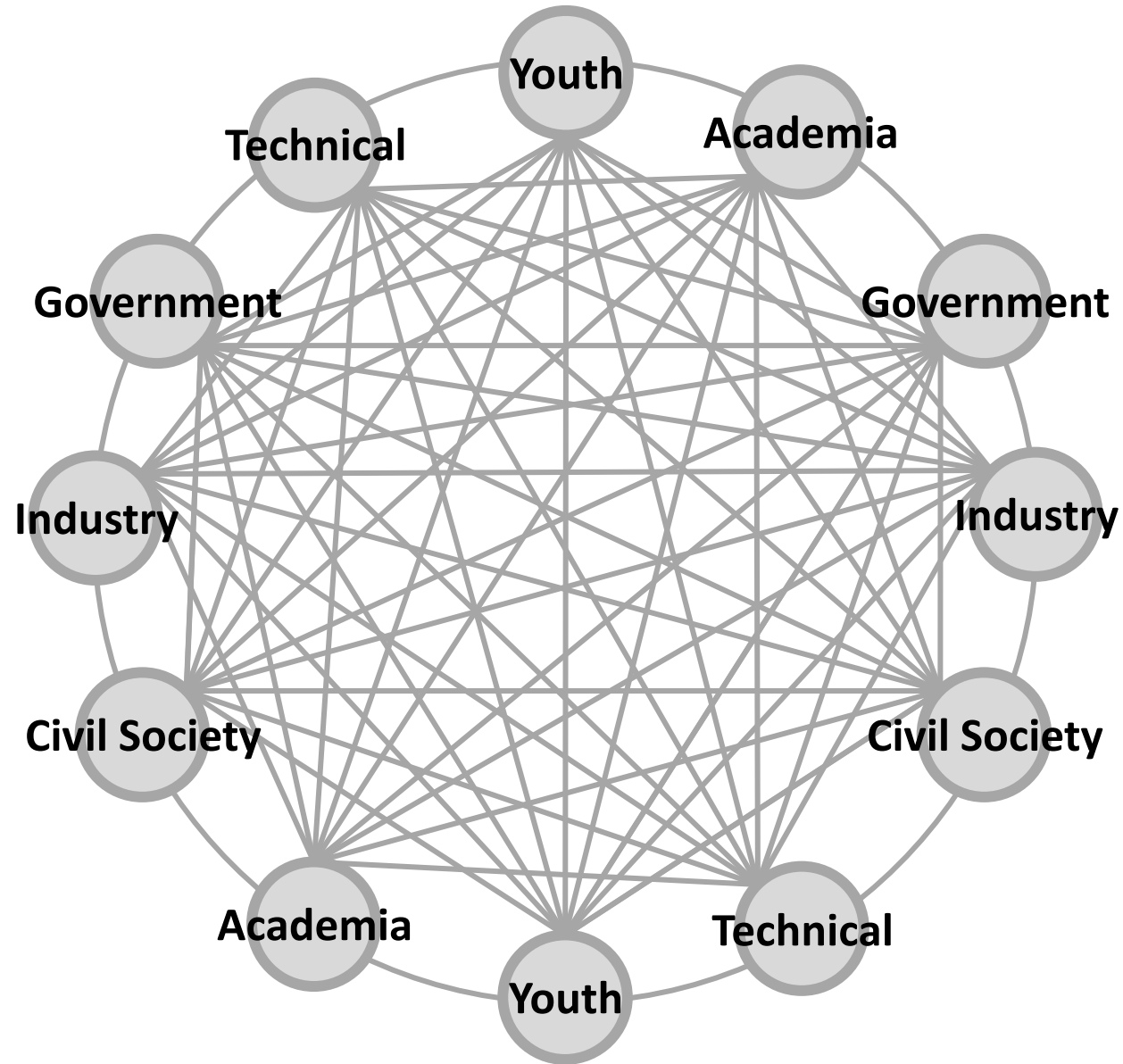






# Multistakeholder Model

# Multistakeholder Model:



Jan 87  
**Internet Engineering Task Force (IETF)**  
Develops standards and protocols

Mar 90  
**Internet Assigned Numbers Authority (IANA)**  
Manages protocol assignments

May 94  
**Routing Arbiter Database (RADb)**  
Implements routing registry

Dec 98  
**Internet Corporation for Assigned Names and Numbers (ICANN)**  
• Manages DNS, IANA functions  
• U.S. Dept of Commerce contractor

Dec 03  
**World Summit on Information Society (WSIS)**  
Develops declaration of principles

Apr 06  
**Internet Governance Forum (IGF)**  
Facilitates multistakeholder dialogue

Apr 14  
**NETmundial Initiative (NMI)**

Oct 16  
**IANA Functions Transitions to Global Internet Community**

May 89  
**Réseaux IP Européens (RIPE)**  
Manages IP addresses, implements routing registry

Jan 93  
**Asia-Pacific Network Information Centre (APNIC)**  
Manages IP addresses

Apr 97  
**American Registry for Internet Numbers (ARIN)**  
Manages IP addresses

Dec 02  
**Latin American and Caribbean Internet Registry (LACNIC)**  
Manages IP addresses

Oct 04  
**African Network Information Centre (AFRINIC)**  
Manages IP addresses

May 10  
**North American Network Operators Group (NANOG)**  
Coordinates, disseminates network information

Aug 16  
**Public Technical Identifiers (PTI)**  
Assigns globally unique identifiers




Jan 2009

**riGF.ASIA**

Jun 2010



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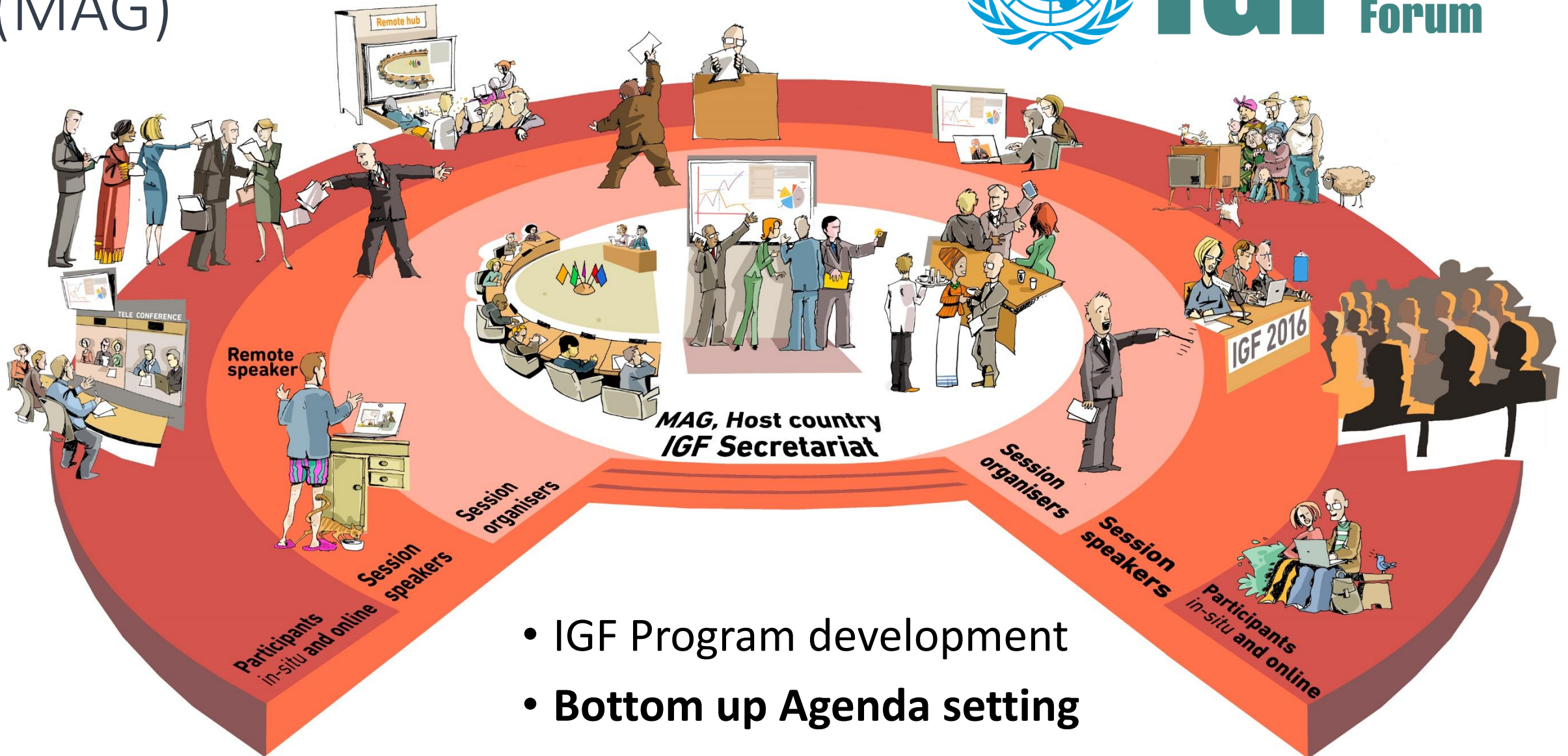
WE REJECT: KINGS,  
PRESIDENTS AND VOTING.  
WE BELIEVE IN:  
ROUGH CONSENSUS  
AND RUNNING CODE.

IETF 83

# Multistakeholder Advisory Group (MAG)



**IGF** Internet  
Governance  
Forum



- IGF Program development
- Bottom up Agenda setting

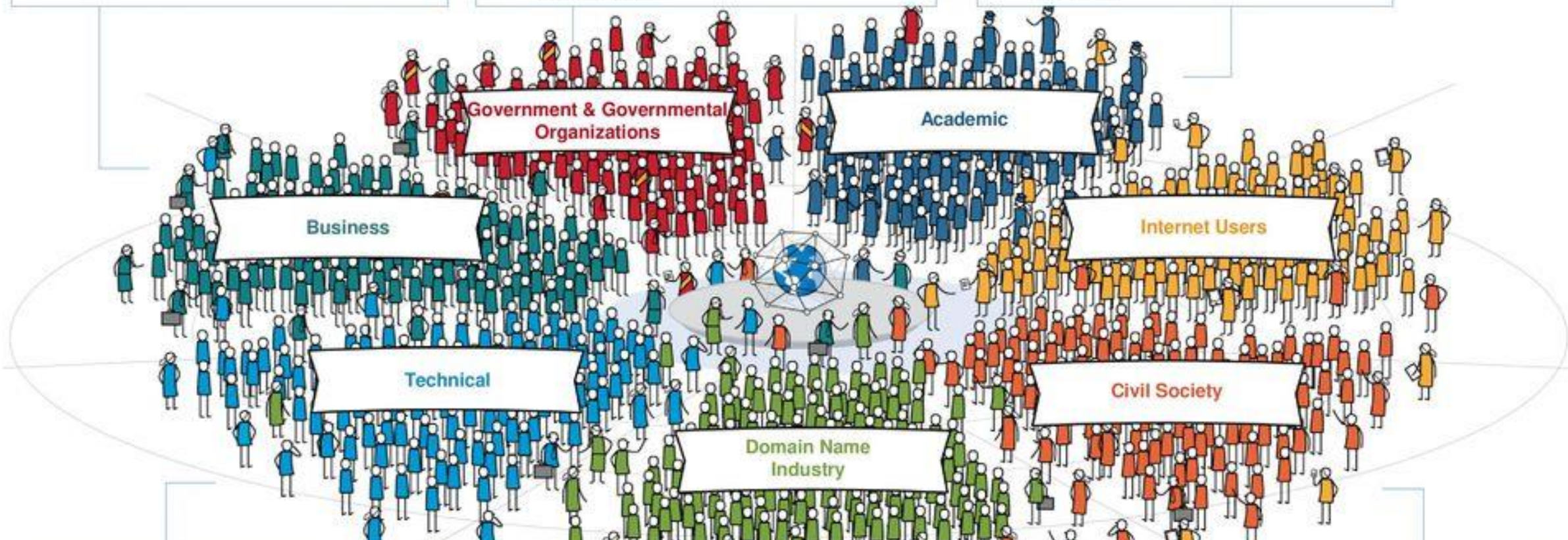
# ICANN's Global Multistakeholder Community



- Private-sector companies
- Trade associations

- National governments
- Distinct economies recognized in international fora
- Multinational governmental and treaty organizations
- Public authorities (including UN agencies with a direct interest in global Internet Governance)

- Academic leaders
- Institutions of higher learning
- Professors
- Students





SAY NO TO

XXX

~~XXX~~

AY NO TO IO

XXXXX

SAY NO TO

XXX

**DIGITAL RIGHTS ARE**

**HUMAN RIGHTS**



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# Digital Rights (Balance)

- Cybersecurity vs. Privacy
  - Privacy and WHOIS
  - Registration Data Access
- Human Rights Considerations
  - Policy Development Processes
  - Selection of Meeting Places
- Trademark Rights vs. Freedom of Expression
- Market Driven vs. Policy Intervention to Uphold Rights
  - New gTLDs / Closed Generics

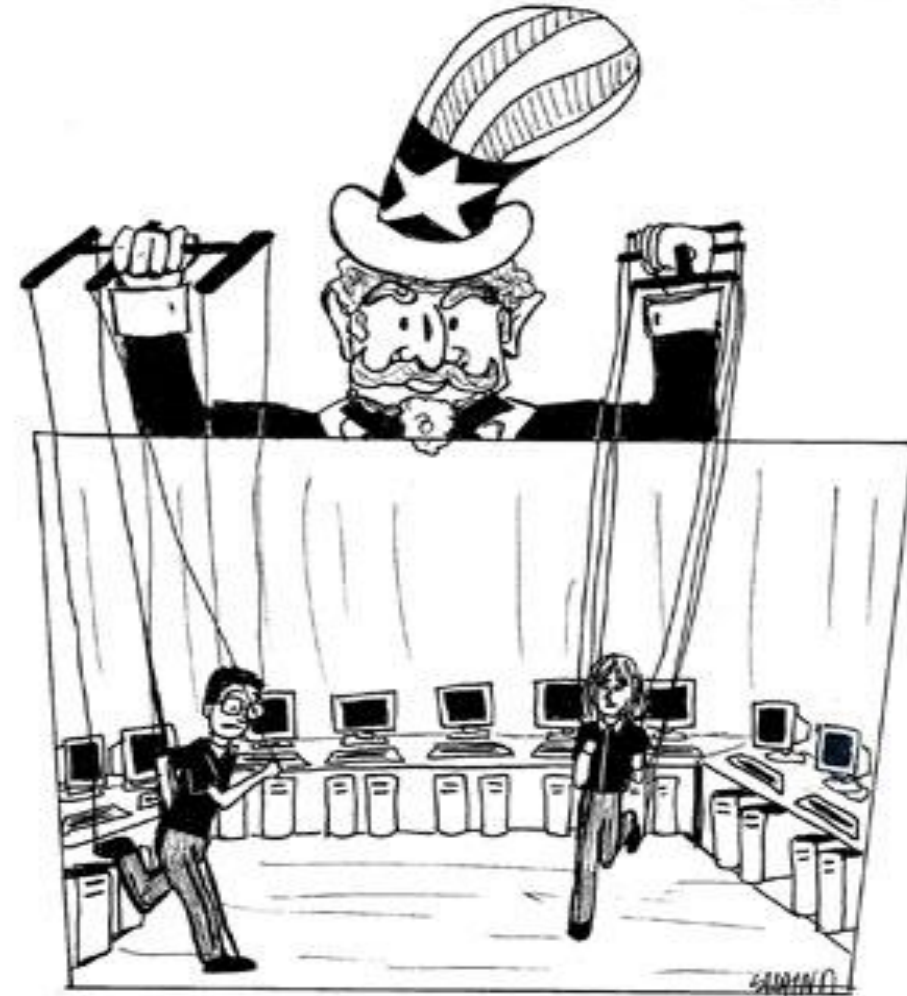




# Geopolitics & Internet Fragmentation

# Geopolitics (Allocation of Resources)

- New gTLD Program
  - Applicant Support Program
  - IDN and Languages & Digital Inclusion
- WHOIS and Registration Data Access
  - Extraterritorial effects of legislations (GDPR)
  - Law enforcement access to data
- Digital Sovereignty & Internet Fragmentation
  - Areas of Conflict: UA vs. RU / SU / PS vs IL
  - Multilateral (United Nations) Systems (Gov driven)
  - WSIS+10, GDC, Summit of the Future, etc.
  - Root Server System Governance



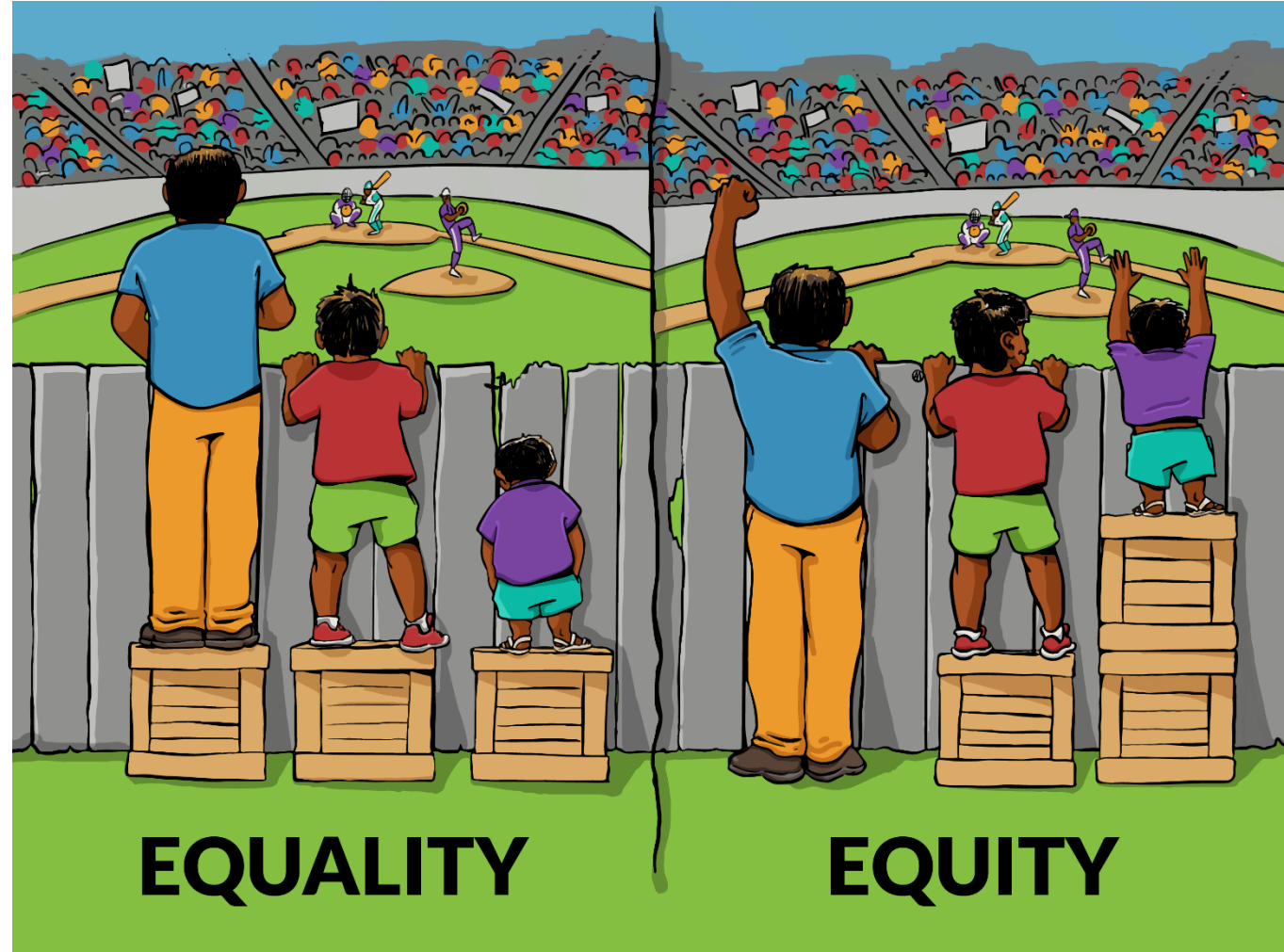
A person is holding a large, rectangular sign made of brown cardboard. The sign has text written on it in two colors: red and black. The person's face is partially visible at the top of the frame, and they are wearing a dark jacket. The background is a clear, light blue sky.

ERROR 404:

DEMOCRACY  
NOT FOUND

# Multistakeholder Model (Continuous Improvement)

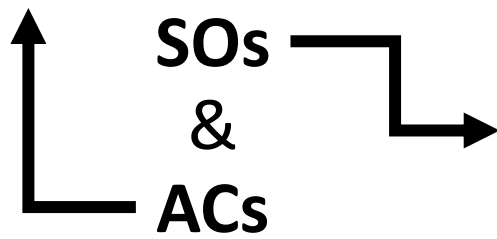
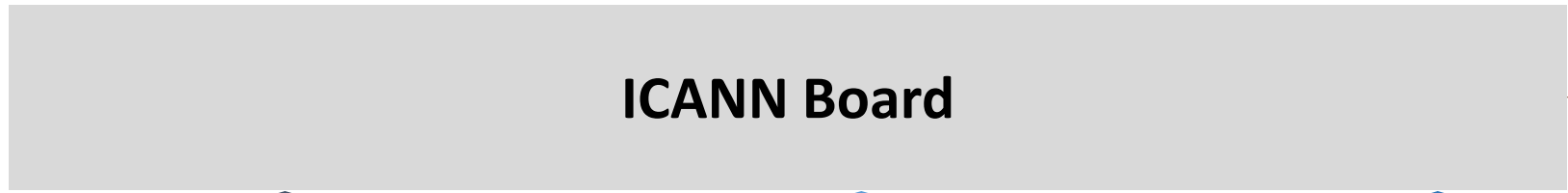
- Process of processes
  - Accountability mechanisms and Review (ATRT)
  - Governance & Decision structures (Stakeholder groups and representation)
  - Policy Development Processes
- WHOIS & Registration Data
  - Deadlock and interests
- New gTLD Program
  - Technical challenges
  - Public Safety Interests

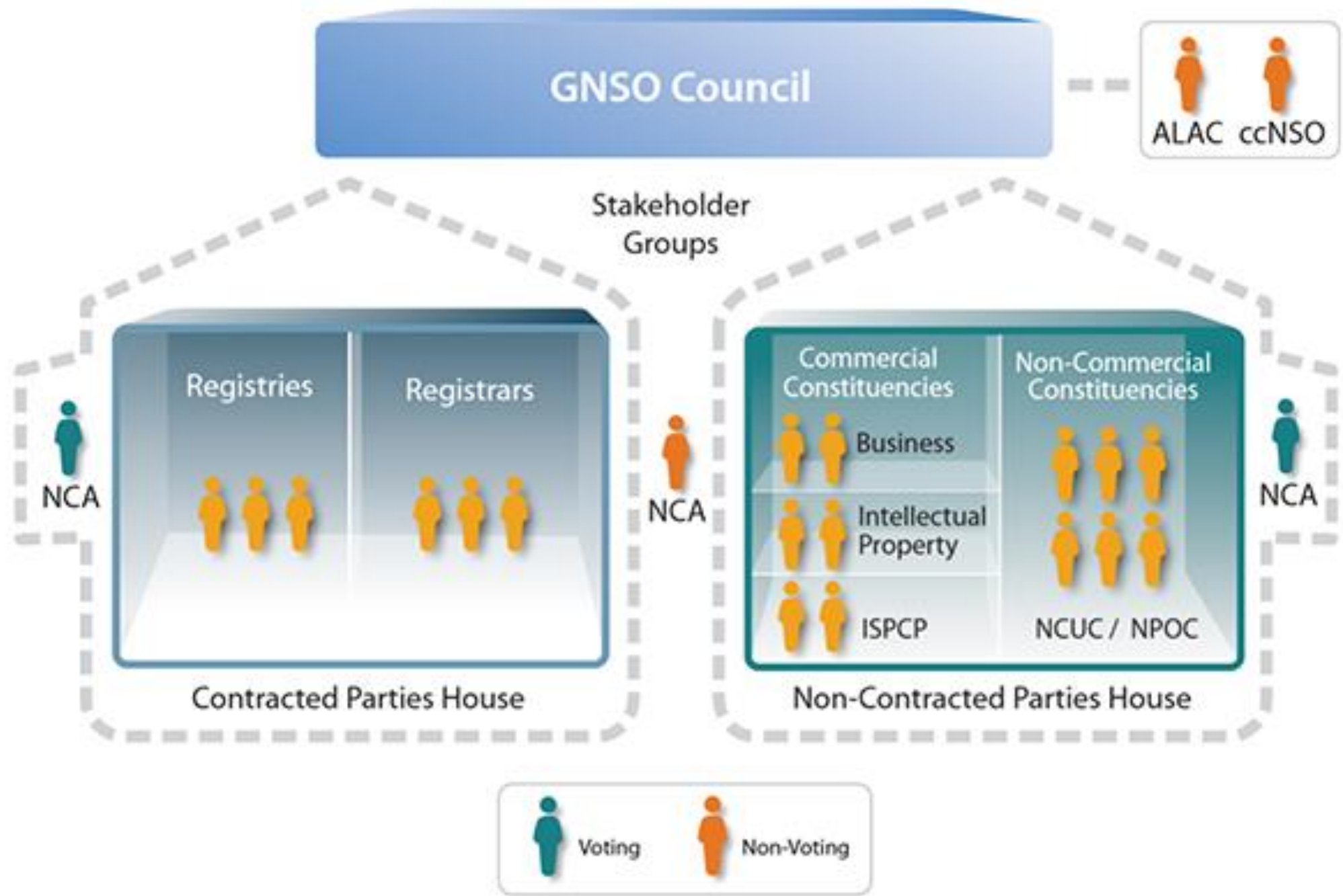


ALL ANIMALS ARE EQUAL  
BUT SOME ANIMALS ARE  
MORE EQUAL THAN OTHERS



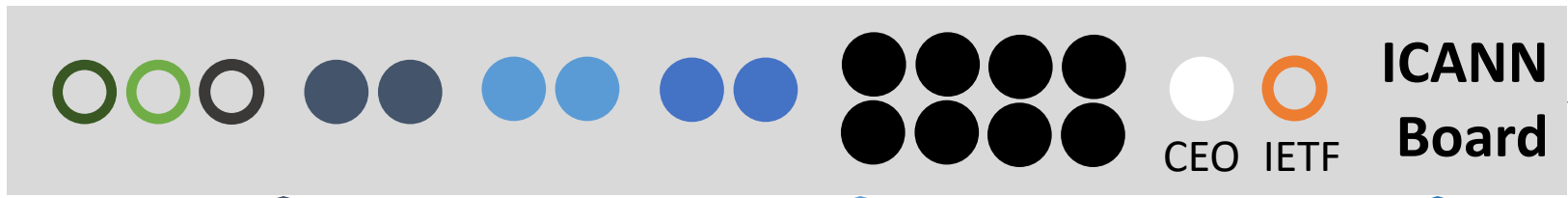
# ICANN Matrix







# ICANN Matrix

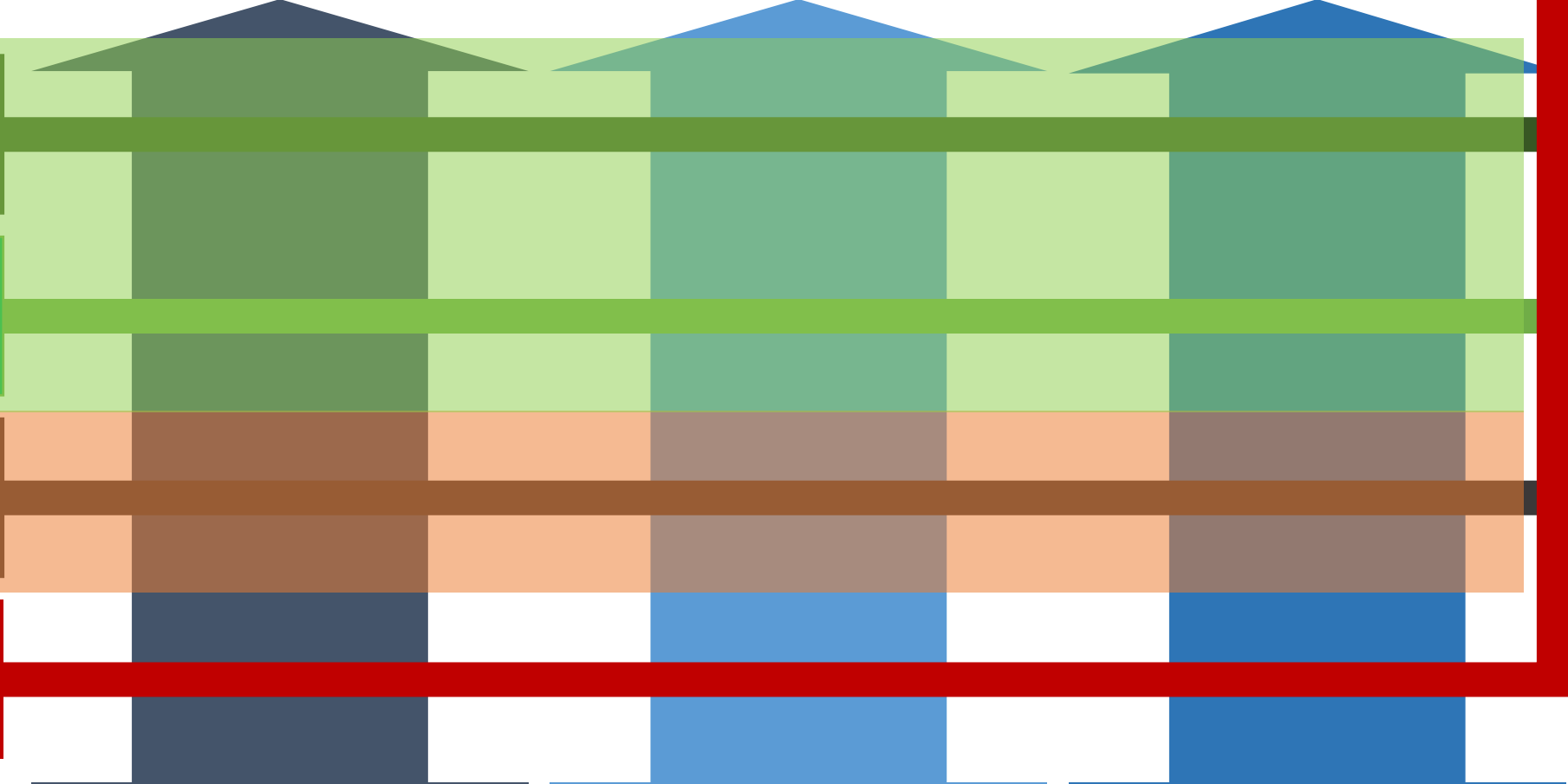


**RSSAC**  
Root Server System  
Advisory Committee

**SSAC**  
Security & Stability  
Advisory Committee

**GAC**  
Government Advisory  
Committee

**ALAC**  
At-Large Advisory  
Committee



SOs & ACs

**GNSO**  
Generic Names Supporting  
Organization  
*e.g. .com / .asia / .kids / .网站*

**ccNSO**  
Country-Code Names  
Supporting Organization  
*e.g. .kr / .uk / .jp / .澳門*

**ASO**  
Address Supporting  
Organization  
*e.g. 123.4.5.6 / 2001:db8::2:1*



The future depends on what you do today.  
MAHATMA GANDHI



# Global Multistakeholder Internet Governance Model

The Internet lives where anyone can access it.  
VINT CERF  
*Father of the Internet*



Multistakeholder in Substance  
Bottom Up & Consensus Based

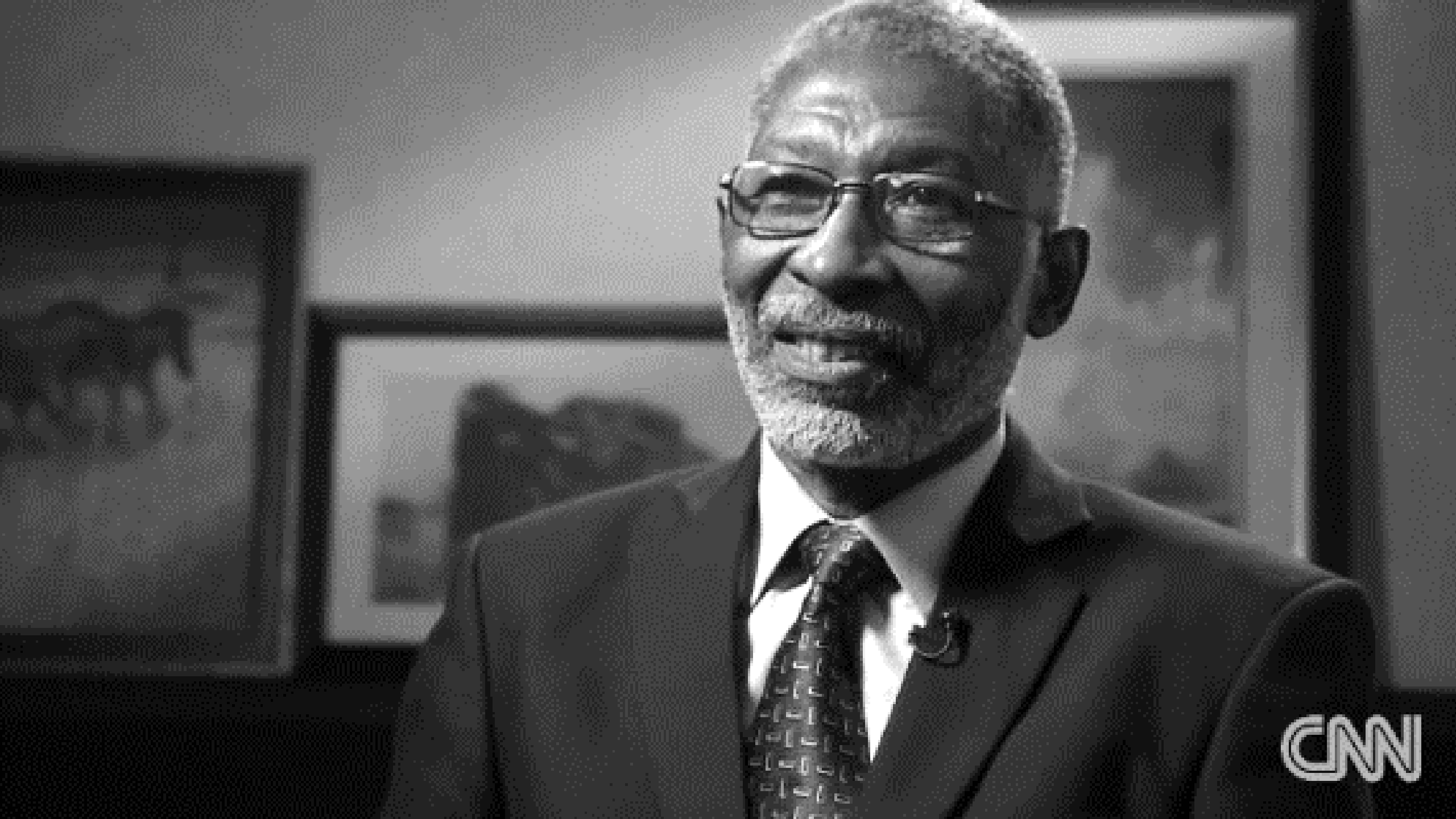
Internet Fragmentation

National Legislation on Higher Layers threaten Interoperability of Technical Layer

Continuous Improvement  
Requires Participation



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CNN

# PROCESS OF PROCESS

PROCESS

ISSUES

Every .Asia Domain  
Contributes to Internet  
Development in Asia

Thank You! | [info@dot.asia](mailto:info@dot.asia)

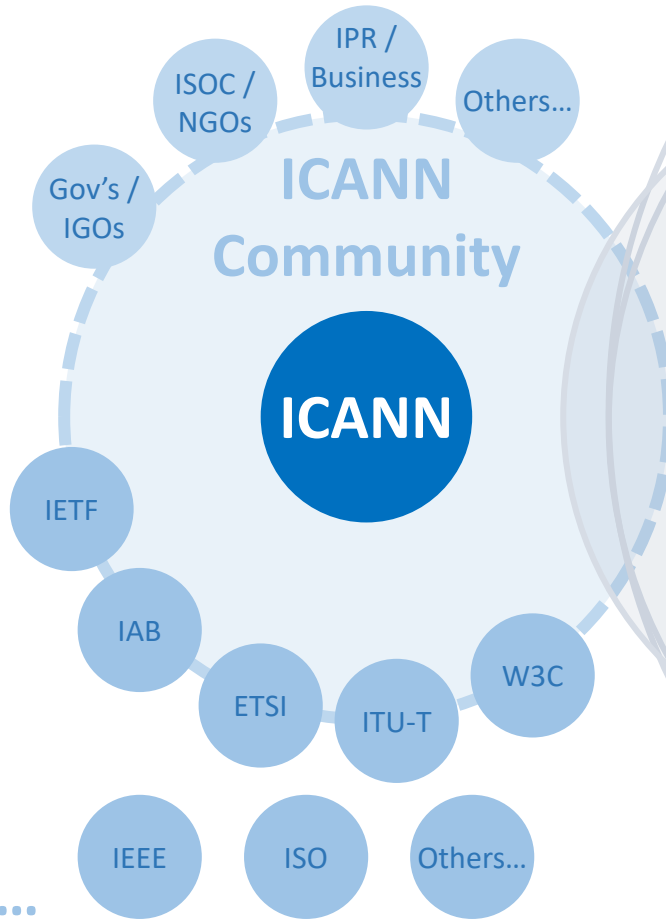


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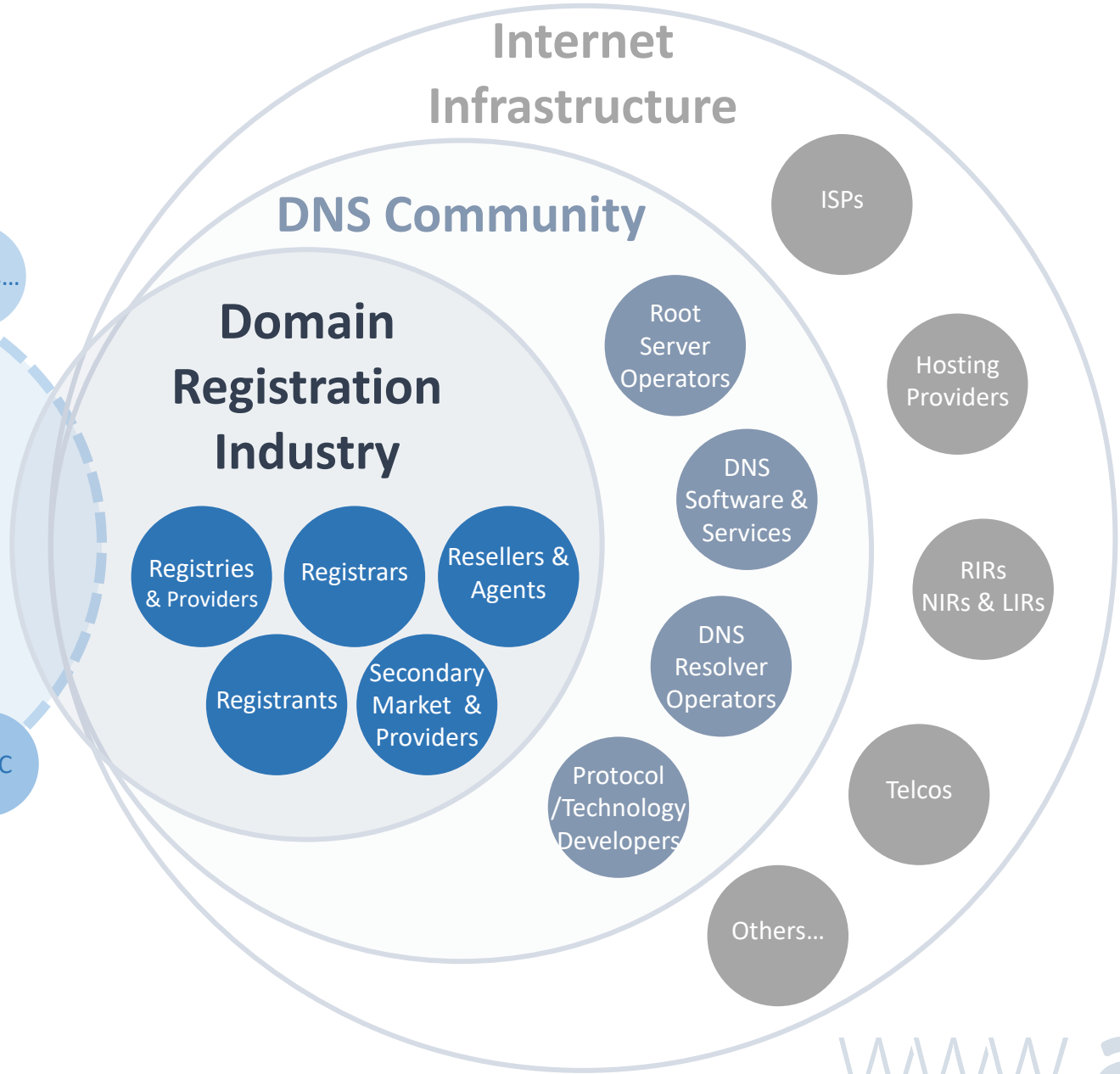
**Asian** #GenerAsian

# DNS Industry Map

Internet  
Community...



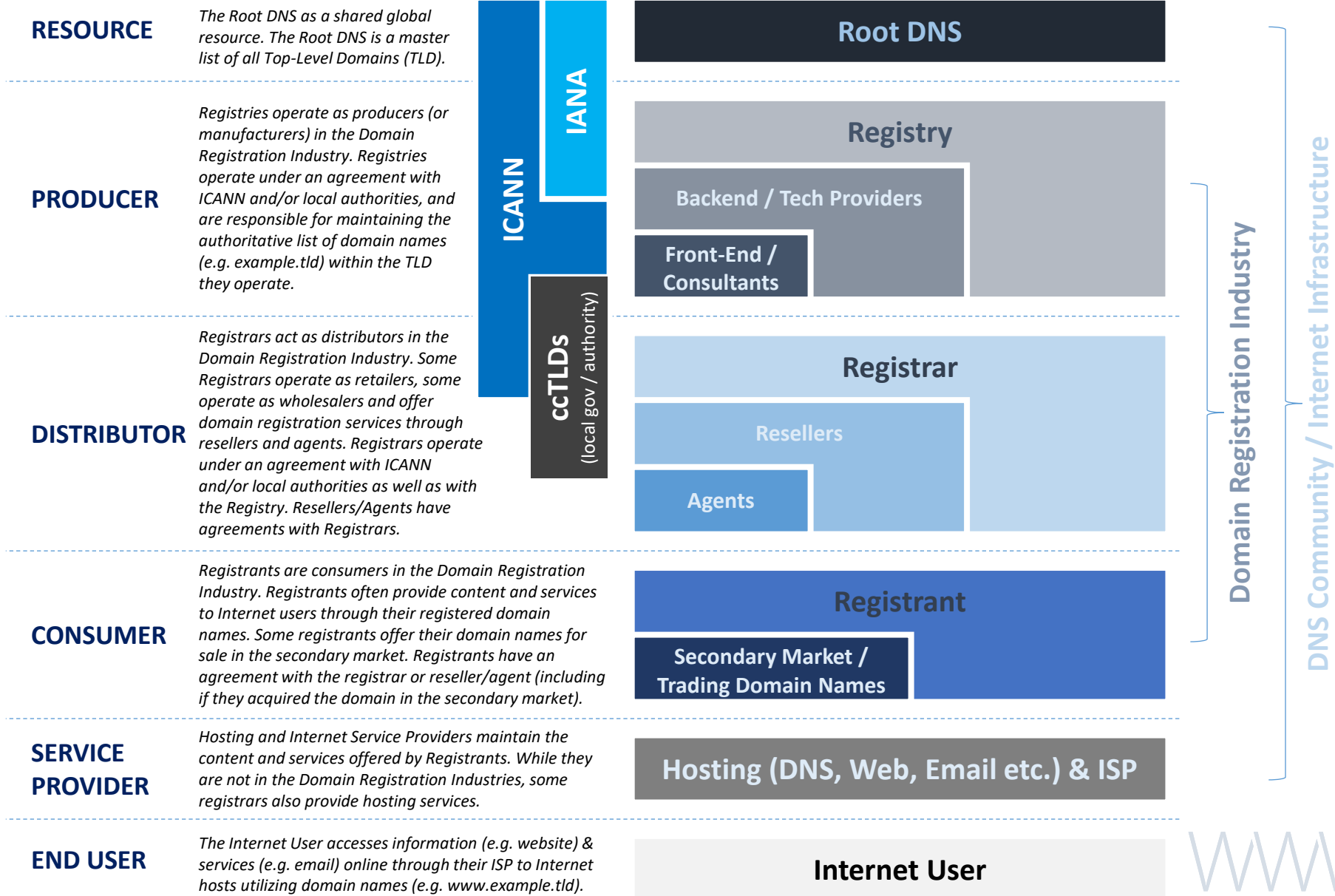
Standards /  
Policy  
Coordination ...



# ICANN Domain Registration Industry

## Policy Coordination

ICANN is the global policy coordination body for the Internet's root DNS. All generic TLD (gTLD) Registries and Registrars have an agreement with ICANN. Some Country Code TLD (ccTLD) Registries also have an agreement with ICANN, some ccTLDs are governed by local authorities. All TLDs maintain a relationship with IANA who administers the root DNS.





# Internet Corporation for Assigned Names and Numbers





# GETTING TO KNOW THE ICANN BOARD OF DIRECTORS



## What is the ICANN Board and what does it do?

The ICANN Board is selected by the ICANN community. The Board provides the ICANN organization's strategic oversight, ensuring that it acts within its mission and operates effectively, efficiently, and ethically. The Board also oversees and considers community-developed policy recommendations.

## How does the ICANN Board operate?

In accordance with the Bylaws, the ICANN Board approves community policies and directs the ICANN organization to implement them. Board members act in what they believe to be the best interests of the global community. The Board acts by resolution, with information about decisions provided openly and transparently.

## Who makes up the ICANN Board?

Board members are selected from across the community in a bottom-up approach by their peers. The Board is composed of 16 directors and 4 non-voting liaisons, from different geographies and with expertise relevant to ICANN's mission.

### SUPPORTING ORGANIZATION (SO) APPOINTEES:

Each of the three SOs nominates two directors:

Address Supporting Organization (**ASO**)

Country Code Names Supporting Organization (**ccNSO**)

Generic Names Supporting Organization (**GNSO**)

### ADVISORY COMMITTEE (AC) APPOINTEES:

The ALAC nominates one director, and each of the other ACs nominate one non-voting liaison.

At-Large Advisory Committee (**ALAC**)

Governmental Advisory Committee (**GAC**)

Root Server System Advisory Committee (**RSSAC**)

Security and Stability Advisory Committee (**SSAC**)

**ICANN PRESIDENT AND CEO**

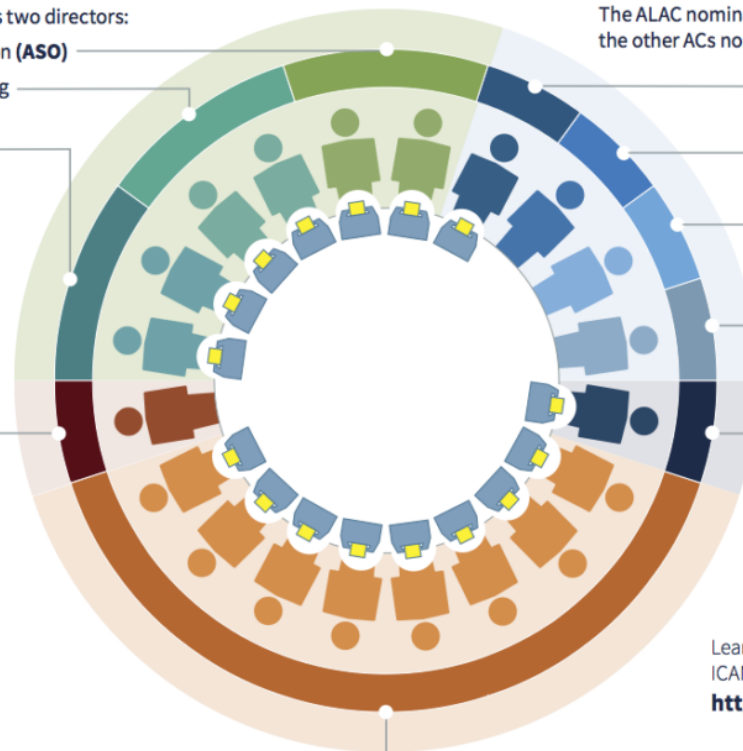
### INTERNET ENGINEERING TASK FORCE (IETF) APPOINTEE:

The IETF nominates one non-voting liaison.

 **VOTING MEMBERS**

### NOMINATING COMMITTEE (NomCom) APPOINTEES:

The NomCom appoints eight seats.



Learn more about the current ICANN Board members at:  
<http://go.icann.org/board>

Learn more about the ICANN Board Bylaw at:  
<http://go.icann.org/boardbylaw>



### GEOGRAPHIC DIVERSITY:

No more than five voting members can be from any one region. No two voting members from any SO may be from the same region. The Nominating Committee (NomCom) must ensure the Board has at least one voting member from each region.



### VOTING:

All Members participate in Board meetings, discussions, and deliberations, but the four non-voting liaisons cannot participate in formal votes.



### NOMINATING COMMITTEE:

The Nominating Committee (NomCom) is responsible for appointing a number of seats to the ICANN Board, the ALAC, and the Councils of the ccNSO and the GNSO.



### TERMS:

Voting members serve staggered three-year terms and cannot serve more than three consecutive terms.



### CONFLICTS OF INTEREST:

Directors and liaisons annually disclose all business and affiliations that relate in any way to ICANN.



Ask not what the Internet can do for you,  
Ask what **TOGETHER** we can do  
for the Internet.